



No. 43

26 OCTOBER 2002



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Imagery and Mapping Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at  
<http://pollux.nss.nima.mil/>



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed via the NIMA Homepage ([www.nima.mil](http://www.nima.mil)) under the Safety of Navigation icon or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nima.mil](mailto:NavNotices@nima.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nima.mil](mailto:SDPUBS@nima.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nima.mil](mailto:webmaster_nss@nima.mil).

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

**Cover Photo:** The **USS ABRAHAM LINCOLN (CVN-72)** is America's fifth Nimitz class carrier and was named in honor of our nation's 16th President and the second ship to bear the name. She was built in Virginia by Newport News Shipbuilding and Drydock Co. at a cost of more than \$3.5 billion. Construction took nearly five years and more than 40 million manhours. A marvel of engineering, craftsmanship and technology she was christened on 13 February 1988 and was commissioned 11 November 1989. **USS ABRAHAM LINCOLN** is charged with supporting America's tactical air capability and maintaining open sea lanes. As it carries out this mission on the oceans of the world, Lincoln brings a message of peace through strength. The ship's logo, "shall not perish," comes from President Lincoln's own vision of our nation described in his famous Gettysburg Address: "...that the government of the people, by the people, for the people, shall not perish from the Earth". She is 1,092 feet in length, has a beam of 252 feet, a height of 206 feet, a full displacement of 104,112 tons and it's four main engines develop 260,000 SHP. She can carry 80+ tactical, combat and support aircraft including the F/A-18 Hornet, F-14 Tomcat, EA-6B Prowler, S-3B Viking, C-2A Greyhound, E-2C Hawkeye, SH-60F Seahawk and HH-60H Helicopter. She can accommodate 6,000+ sailors and 200 Officers. The Lincoln is homeported at Naval Station Everett, Washington.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

**NM 43/02**

# HYDROGRAM

**National Imagery and Mapping Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
\_\_\_\_\_  
NEW PRODUCTS  
OR SERVICES  
\_\_\_\_\_  
IMPORTANT  
CHANGES

**26 October 2002**

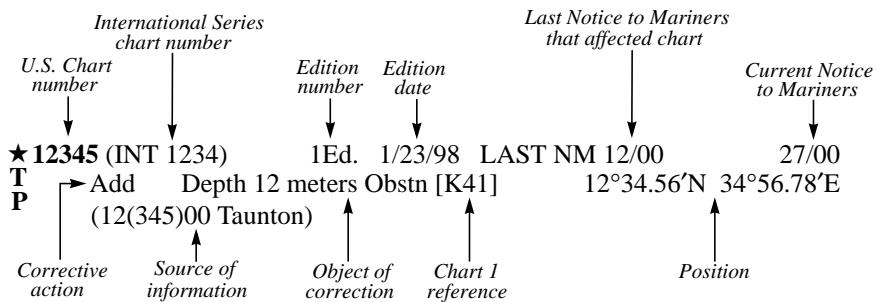
## UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE

THE UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS), OPERATED BY THE USCG NAVIGATION CENTER, PROVIDES INFORMATION FOR ALL RADIONAVIGATION SYSTEMS. SEE SECTION III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NIMA List of Lights.

**Section II-5** lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

**NM 43/02**

<b>1115A</b>	Ed. 3/31/01	LAST NM 40/02	43/02			
Delete	Platform (39/02 CG8)		30°03.4'N 87°54.2'W	(NOS)	Depth 39 feet Obstn [K41] Depth 41 feet Obstn [K41]	29°16.3'N 93°40.4'W 29°15.7'N 93°39.9'W
<b>1116A</b>	Ed. 6/9/01	LAST NM 42/02	43/02			
Delete	Dangerous wreck (PA)		29°34.3'N 93°47.5'W		★11332	28Ed. 8/02 LAST NM 42/02
	Danger circle and change legend to "Obstn"		29°33.5'N 93°46.0'W		Delete	Depth 7 feet Wk (PA) Dangerous wreck Legend "Shoaling Rep (1973)" Depth 36 feet Obstn
	Note: Depth 6 fathoms close NE remains					43/02 29°38'25"N 93°49'43"W 29°33'59"N 93°47'32"W 29°33'35"N 93°45'10"W 29°33'11"N 93°45'22"W
	Dangerous wreck "(cleared 5 1/2fms 1975)"		29°33.3'N 93°43.3'W			Dangerous wreck "(cleared 33ft 1975)" (PD) 29°33'18"N 93°43'00"W
	Swept depth 4 1/4 fathoms		29°32.3'N 93°43.2'W			Depth 30 feet Obstn Depth 41 feet Obstn Depth 39 feet Obstn Legend "Shl (Rep 1996)"
	Depth 5 fathoms Obstn		29°31.3'N 93°39.9'W			29°31'29"N 93°39'46"W 29°16'34"N 93°40'47"W 29°16'09"N 93°40'55"W 29°16'08"N 93°40'24"W
	Depth 6 fathoms		29°16.6'N 93°40.9'W			
Substitute	Depth 5 1/4 fathoms Wk [K26] for 4 3/4 fathoms Wk		29°34.5'N 93°49.1'W		Substitute	Depth 8 feet Obstn [K41] for dangerous rock 29°38'35"N 93°49'14"W
	Depth 5 1/4 fathoms [K41] for 5 fathoms and change legend to "Obstn"		29°31.6'N 93°42.9'W			Depth 16 feet Wk [K26] for 11 feet Wk 29°38'28"N 93°48'46"W
	Depth 6 1/2 fathoms Wk [K26] for 7 fathoms Wk		29°15.8'N 93°39.5'W			Depth 32 feet Wk [K26] for 29 feet Wk 29°34'28"N 93°49'05"W
Add	Depth 6 1/2 fathoms Obstn [K41]		29°17.4'N 93°42.8'W			Depth 32 feet Obstn [K41] for 30 feet Obstn 29°31'34"N 93°42'52"W
	Depth 6 1/2 fathoms [K41]		29°16.3'N 93°40.4'W			Depth 41 feet Obstn [K41] for 41 feet 29°15'45"N 93°39'55"W
	Depth 6 3/4 fathoms [K41]		29°15.7'N 93°39.9'W			Depth 40 feet Wk [K26] for 43 feet Wk 29°15'50"N 93°39'27"W
	Platform [L10]		27°50.4'N 93°19.3'W		Add	Depth 40 feet Obstn [K41] 29°17'24"N 93°42'49"W
	Note: Submerged well (cov 73fms) close SE remains					Depth 39 feet Obstn [K41] 29°16'18"N 93°40'25"W
	Submerged well (cov 32fms) [L20] marked by buoy W Or (Priv)		28°25.8'N 90°08.1'W			
	Dashed-line circle with legend "Aband. wellheads (cov 1110fms)"		27°13.6'N 90°02.0'W			
	Dashed-line circle with legend "Aband. wellhead (cov 1094fms)"		27°13.4'N 90°01.0'W			
	Dashed-line circle with legend "Aband. wellhead (cov 1140fms)"		27°12.8'N 90°03.2'W			
(NOS; 39/02 CG8)						
<b>11004</b>	7Ed. 10/29/94	LAST NM 42/02	43/02			
Add	Depth 2001 meters with legend "Obstsns (4) Aband. wellheads" enclosed by dashed-line circle		27°13.2'N 90°02.1'W		★11340	66Ed. 6/9/01 LAST NM 42/02
	Platform [L10]		27°50.4'N 93°19.3'W		Delete	Dangerous wreck (PA) 29°34.3'N 93°47.5'W
	Note: Submerged well close NE remains (39/02 CG8)					Danger circle and change legend to "Obstn" Note: Depth 6 fathoms close NE remains
<b>11330</b>	13Ed. 4/21/01	LAST NM 42/02	43/02			Dangerous wreck "(cleared 5 1/2fms 1975)" 29°33.3'N 93°43.3'W
Delete	Depth 7 feet Wk (PA)		29°38.4'N 93°49.7'W			Swept depth 4 1/4 fathoms 29°32.3'N 93°43.2'W
	Legend "PA" from depth 33 feet Obstn		29°35.3'N 93°48.4'W			Depth 5 fathoms Obstn 29°31.3'N 93°39.9'W
	Dangerous wreck (PA)		29°34.0'N 93°47.5'W			Depth 6 fathoms 29°16.6'N 93°40.9'W
	Depth 36 feet Obstn		29°33.2'N 93°45.4'W		Substitute	Depth 5 1/4 fathoms Wk [K26] for 4 3/4 fathoms Wk 29°34.5'N 93°49.1'W
	Dangerous wreck "(cleared 33ft 1975)" (PD)		29°33.3'N 93°43.0'W			Depth 5 1/4 fathoms [K41] for 5 fathoms 29°31.6'N 93°42.9'W
	Depth 30 feet Obstn		29°31.5'N 93°39.8'W			and change legend to "Obstn"
	Legend "Shl (Rep 1996)" and arrow		29°16.9'N 93°40.0'W			Depth 6 1/2 fathoms Wk [K26] for 7 fathoms Wk 29°15.8'N 93°39.5'W
	Depth 41 feet		29°16.6'N 93°40.8'W		Add	Depth 6 1/2 fathoms Obstn [K41] 29°17.4'N 93°42.8'W
	Depth 39 feet		29°16.2'N 93°40.9'W			Depth 6 1/2 fathoms [K41] 29°16.3'N 93°40.4'W
	Legend "Obstsns"		29°16.6'N 93°42.0'W			Depth 6 3/4 fathoms [K41] 29°15.7'N 93°39.9'W
Substitute	Depth 8 feet Obstn [K41] for dangerous rock		29°38.6'N 93°49.2'W			Platform [L10] 27°50.4'N 93°19.3'W
	Depth 16 feet Wk [K26] for 11 feet Wk		29°38.5'N 93°48.8'W			Note: Submerged well (cov 73fms) close SE remains
	Depth 32 feet Wk [K26] for 29 feet Wk		29°34.5'N 93°49.1'W			Submerged well (cov 32fms) [L20] marked by buoy W Or (Priv) 28°25.8'N 90°08.1'W
	Depth 32 feet Obstn [K41] for 30 feet Obstn		29°31.6'N 93°42.9'W			Dashed-line circle with legend "Aband. wellheads (cov 1110fms)" 27°13.6'N 90°02.0'W
	Depth 40 feet Wk [K26] for 43 feet Wk		29°15.8'N 93°39.5'W			Dashed-line circle with legend "Aband. wellhead (cov 1094fms)" 27°13.4'N 90°01.0'W
Add	Depth 40 feet Obstn [K41]		29°17.4'N 93°42.8'W			Dashed-line circle with legend "Aband. wellhead (cov 1140fms)" 27°12.8'N 90°03.2'W

## SECTION I

<b>11341</b>	(Continued)			
	Depth 36 feet Obstn	29°33'11"N 93°45'22"W		
	Dangerous wreck "(cleared 33ft 1975)" (PD)	29°33'19"N 93°43'00"W		
	Depth 30 feet Obstn	29°31'29"N 93°39'46"W		
	Depth 41 feet Obstn	29°16'34"N 93°40'47"W		
	Depth 39 feet Obstn	29°16'09"N 93°40'55"W		
	Legend "Shl (rep 1996)"	29°16'10"N 93°40'24"W		
Substitute	Depth 8 feet Obstn [K41] for dangerous rock			
	29°38'35"N 93°49'14"W			
	Depth 16 feet Wk [K26] for 11 feet Wk			
	29°38'28"N 93°48'46"W			
	Depth 32 feet Wk [K26] for 29 feet Wk			
	29°34'28"N 93°49'05"W			
	Depth 32 feet Obstn [K41] for 30 feet Obstn			
	29°31'34"N 93°42'52"W			
	Depth 41 feet Obstn [K41] for 41 feet			
	29°15'45"N 93°39'55"W			
	Depth 40 feet Wk [K26] for 43 feet Wk			
	29°15'50"N 93°39'27"W			
Add	Depth 40 feet Obstn [K41]	29°17'24"N 93°42'49"W		
(NOS)	Depth 39 feet Obstn [K41]	29°16'18"N 93°40'25"W		
<b>★11342</b>	51Ed. 9/30/00 LAST NM 37/02		43/02	
Delete	Depth 7 feet Wk	29°38'25"N 93°49'43"W		
	Depth 11 feet Wk	29°38'29"N 93°48'42"W		
Substitute	Depth 8 feet Obstn [K41] for dangerous rock			
	29°38'33.3"N 93°49'12.2"W			
Add	Depth 16 feet Wk [K26]	29°38'28.2"N 93°48'46.3"W		
<b>★11344</b>	34Ed. 8/25/01 LAST NM 40/02		43/02	
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>★11347</b>	33Ed. 7/02 LAST NM 42/02 <b>(Side A)</b>		43/02	
Add	Tabulation of controlling depths from Subsection I-2			
<b>(Side B)</b>	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>11353</b>	2Ed. 3/16/02 LAST NM 38/02		43/02	
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>★11360</b>	39Ed. 3/31/01 LAST NM 40/02		43/02	
Delete	Platform	30°03.4'N 87°54.2'W		
(39/02 CG8)				
<b>★11363</b>	38Ed. 3/30/02 LAST NM 40/02		43/02	
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>11364</b>	38Ed. 7/21/01 LAST NM 39/02		43/02	
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>★11366</b>	6Ed. 3/24/01 LAST NM 40/02		43/02	
Add	Submerged well [L20] (cov 32fms) marked by buoy W Or (Priv)	28°25.8'N 90°08.1'W		
(39/02 CG8)				
<b>11369</b>	43Ed. 3/10/01 LAST NM 39/02		43/02	
Add	Tabulation of controlling depths from Subsection I-2			
(NOS)				
<b>★11376</b>	48Ed. 12/1/01 LAST NM 40/02		43/02	
Add	Buoy "WR 17A" G, QG			
(39/02 CG8)				
<b>★11411</b>	14Ed. 8/02 NEW EDITION		43/02	
(NOS)				
<b>11451</b>	30Ed. 11/17/01 LAST NM 28/02 <b>(Page A)</b>		43/02	
Change	Legend to "41 1/2 FT"			
	Legend to "38 1/2 FT 2002"			
<b>(Page D, Inset 1)</b>				
Delete	Depth 13 feet	25°45'59"N 80°08'17"W		
	Depth 34 feet	25°46'29"N 80°09'49"W		
	Depth 34 feet	25°46'29"N 80°09'54"W		
	Depth 29 feet	25°46'41"N 80°10'20"W		
	Purple solid line between	25°46'24"N 80°10'35"W		
	Purple solid line between	25°46'20"N 80°10'37"W		
		25°45'58"N 80°08'17"W		
		25°45'54"N 80°08'18"W		
Substitute	Depth 12 feet for 13 feet	25°45'57"N 80°10'12"W		
	Depth 13 feet for 23 feet	25°46'02"N 80°10'12"W		
	Depth 13 feet for 14 feet	25°46'07"N 80°10'12"W		
	Depth 31 feet for 33 feet	25°46'26"N 80°09'43"W		
	Depth 34 feet for 31 feet	25°46'44"N 80°10'26"W		
Change	Legend to "33 1/2 FT MAR 2002"	25°46'18"N 80°10'26"W		
	Legend to "20 1/2 FT MAR 2002"	25°46'07"N 80°10'03"W		
	Legend to "30 FT MAR 2002"	25°45'55"N 80°09'11"W		
	Legend to "42 FT MAR 2002"	25°45'56"N 80°08'30"W		
	Legend to "35 FT MAR 2002"	25°46'40"N 80°10'13"W		
	Legend to "GOVERNMENT CUT 42 FT MAR 2002"	25°45'47"N 80°07'53"W		
	Legend to "MAIN CHANNEL 35 FT MAR 2002"	25°46'29"N 80°09'37"W		
Add	Depth 19 feet	25°46'00"N 80°08'19"W		
	Depth 33 feet	25°46'30"N 80°09'52"W		
	Depth 33 feet	25°46'34"N 80°10'01"W		
	Purple solid line between	25°46'07"N 80°08'36"W		
(NOS)		25°46'02"N 80°08'38"W		
<b>11465</b>	35Ed. 3/10/01 LAST NM 39/02		43/02	
Delete	Depth 29 feet	25°46'43"N 80°10'20"W		
Substitute	Depth 31 feet for 34 feet	25°46'26"N 80°09'43"W		
	Depth 33 feet for 34 feet	25°46'29"N 80°09'51"W		
	Depth 34 feet for 31 feet	25°46'45"N 80°10'28"W		
Change	Legend to "35 FT MAR 2002"	25°46'36"N 80°10'04"W		
	Legend to "42 FT MAR 2002"	25°45'57"N 80°08'30"W		
	(See 26/02-11465)			
Add	Stranded wreck [K24] (PA)	25°34'16"N 80°07'33"W		
(NOS)				
<b>11467</b>	36Ed. 7/15/00 LAST NM 35/02 <b>(Side B)</b>		43/02	
Change	Legend to "44 1/2 FT"	25°45'28"N 80°06'50"W		
	Legend to "38 1/2 FT MAR 2002"	25°45'37"N 80°06'06"W		
	Legend to "35 FT MAR 2002"	25°45'33"N 80°07'17"W		
	(See 26/02-11467)			
<b>(Side B, Inset 3)</b>				
Delete	Depth 26 feet	25°45'59"N 80°08'20"W		
	Purple solid line between	25°45'54"N 80°08'18"W		
		25°45'58"N 80°08'17"W		
	Purple solid line between	25°46'20"N 80°10'37"W		
		25°46'24"N 80°10'35"W		
Substitute	Depth 31 feet for 33 feet	25°46'26"N 80°09'43"W		
	Depth 12 feet for 13 feet	25°45'57"N 80°10'12"W		
	Depth 13 feet for 23 feet	25°46'02"N 80°10'13"W		
Change	Legend to "33 1/2 FT MAR 2002"	25°46'16"N 80°10'23"W		
	Legend to "20 1/2 FT MAR 2002"	25°46'00"N 80°09'53"W		

(continued on next page)

## SECTION I

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<b>11467</b>	(Continued)			
	Legend to "35 FT MAR 2002"	25°46'26"N 80°09'31"W		
	Legend to "30 FT MAR 2002"	25°45'55"N 80°09'00"W		
	Legend to "42 FT MAR 2002"	25°45'56"N 80°08'33"W		
	Legend to "GOVERNMENT CUT 42 FT MAR 2002"	25°45'46"N 80°07'55"W		
Add	Legend to "35 FT MAR 2002"	25°46'40"N 80°10'13"W		
	Depth 13 feet	25°46'07"N 80°10'12"W		
	Depth 19 feet	25°46'00"N 80°08'19"W		
	Purple solid line between	25°46'02"N 80°08'38"W		
(NOS)		25°46'07"N 80°08'37"W		
<b>★11468</b>	39Ed. 8/02 LAST NM 42/02 Delete Legend "34 FT APR 2001"	43/02 25°46'24.6"N 80°10'42.6"W		
	Depth 17 feet	25°45'52.2"N 80°08'25.9"W		
	Depth 34 feet	25°46'27.6"N 80°09'49.7"W		
	Depth 29 feet	25°46'40.5"N 80°10'19.5"W		
	Depth 34 feet	25°46'29.9"N 80°09'54.8"W		
	Depth 34 feet	25°46'44.1"N 80°10'27.7"W		
	Depth 33 feet	25°46'48.0"N 80°10'36.4"W		
	Purple solid line between	25°46'19.8"N 80°10'36.3"W		
		25°46'24.1"N 80°10'34.2"W		
	Purple solid line between	25°45'54.2"N 80°08'18.7"W		
		25°45'58.7"N 80°08'16.4"W		
Substitute	Depth 12 feet for 13 feet	25°45'57.1"N 80°10'11.8"W		
	Depth 13 feet for 23 feet	25°46'01.7"N 80°10'12.8"W		
	Depth 13 feet for 14 feet	25°46'06.5"N 80°10'12.5"W		
	Depth 34 feet for 36 feet	25°46'25.5"N 80°09'38.9"W		
	Depth 31 feet for 33 feet	25°46'25.4"N 80°09'43.2"W		
	Depth 33 feet for 34 feet	25°46'26.3"N 80°09'46.8"W		
	Depth 34 feet for 31 feet	25°46'43.1"N 80°10'25.4"W		
Change	Legend to "35 FT MAR 2002"	25°45'52.1"N 80°08'33.6"W		
	Legend to "35 FT MAR 2002"	25°46'40.6"N 80°10'14.4"W		
	Legend to "TURNING BASIN 42 FT MAR 2002"	42/02 25°45'54.7"N 80°08'30.1"W		
Add	Depth 14 feet	25°45'52.2"N 80°08'27.0"W		
	Depth 34 feet	25°46'29.0"N 80°09'52.6"W		
	Depth 33 feet	25°46'32.7"N 80°10'01.4"W		
	Depth 34 feet	25°46'39.5"N 80°10'17.3"W		
	Depth 33 feet	25°46'48.5"N 80°10'38.0"W		
	Depth 31 feet	25°46'50.4"N 80°10'42.9"W		
	Purple solid line between	25°46'02.2"N 80°08'38.8"W		
(NOS)		25°46'06.8"N 80°08'36.5"W		
<b>★11503</b>	39Ed. 7/02 LAST NM 39/02 Change Legend to "29 ½ FT 2002"	43/02 30°40'44"N 81°28'00"W		
Add	Tabulation of controlling depths from Subsection I-2	(NOS)		
<b>11518</b>	32Ed. 2/9/02 LAST NM 35/02 <b>(Side A)</b>	43/02		
Delete	Position circle "Subm dol"	32°47'42"N 79°54'57"W		
(NOS)				
<b>★11524</b>	45Ed. 1/19/02 LAST NM 35/02 Delete Position circle "Subm dol"	43/02 (NOS)	32°47'41"N 79°54'57"W	
<b>12205</b>	27Ed. 7/02 LAST NM 37/02 <b>(Page A)</b>	43/02		
Change	Light to "1" QG 15ft 5M	36°55'07"N 76°05'22"W		
(36/02 CG5)				
<b>12210</b>	35Ed. 4/6/02 LAST NM 28/02 Relocate Light "5" from 37°21'49"N 75°43'41"W to and delete legend "PA"	43/02 (36/02 CG5)	37°21'41"N 75°43'38"W	
<b>★12221</b>	72Ed. 9/15/01 LAST NM 34/02 Relocate Light "5" from 37°21'48"N 75°43'42"W to and delete legend "PA"	43/02 (36/02 CG5)	37°21'41"N 75°43'38"W	
	Change Light to "1" QG 15ft 5M	36°55'06"N 76°05'23"W		
<b>12222</b>	42Ed. 2/2/02 LAST NM 38/02 Change Light to "1" QG 15ft 5M	43/02 (36/02 CG5)	36°55'05"N 76°05'21"W	
<b>12224</b>	22Ed. 12/9/00 LAST NM 39/02 Relocate Light "5" from 37°21'48"N 75°43'44"W to and delete legend "PA"	43/02 (36/02 CG5)	37°21'41"N 75°43'38"W	
<b>★12228</b>	29Ed. 8/02 NEW EDITION (NOS)	43/02		
<b>12254</b>	43Ed. 8/02 LAST NM 38/02 Change Light to "1" QG 15ft 5M	43/02 (36/02 CG5)	36°55'06"N 76°05'22"W	
<b>12280</b>	3Ed. 7/02 LAST NM 37/02 Change Light to "1" QG 15ft 5M	43/02 (36/02 CG5)	36°55.1'N 76°05.3'W	
<b>12285</b>	34Ed. 6/9/01 LAST NM 39/02 <b>(Page E)</b>	43/02		
Add	Caution note "CAUTION Fixed and floating obstructions, some submerged, may exist within the magenta tinted bridge construction area. Mariners are advised to proceed with caution." 38°47'03"N 77°00'30"W (See 39/02-12285)			
<b>★12312</b>	51Ed. 9/8/01 LAST NM 42/02 Change Legend to "29 FT MAR 2002"	43/02 (NOS)	39°53'00"N 75°11'46"W	
<b>★12313</b>	48Ed. 9/22/01 LAST NM 33/02 Add Tabulation of controlling depths from Subsection I-2	43/02 (NOS)		
<b>★12327</b>	95Ed. 2/23/02 LAST NM 38/02 Add Tabulation of controlling depths from Subsection I-2	43/02 (NOS)		
<b>★12331</b>	29Ed. 6/26/99 LAST NM 22/02 Add Tabulation of controlling depths from Subsection I-2	43/02 (NOS)		
<b>★12332</b>	21Ed. 1/20/01 LAST NM 22/02 Add Tabulation of controlling depths from Subsection I-2	43/02 (NOS)		
<b>★12333</b>	31Ed. 6/17/00 LAST NM 38/02 Add Tabulation of controlling depths from Subsection I-2	43/02 (NOS)		
<b>13260</b>	38Ed. 4/27/02 LAST NM 36/02 Change Height of light to 25ft	43/02 (36/02 CG1)	43°41.8'N 69°50.0'W	
<b>13263</b>	7Ed. 4/24/99 LAST NM N36/02 Change Height of light to 25ft	N43/02 (36/02 CG1)	43°41.8'N 69°50.0'W	

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★13270	59Ed. 7/14/01 LAST NM 40/02 Change Period of light "4P" to 6s (36/02 CG1)	43/02 42°17'38"N 70°57'25"W	17480	4Ed. 2/3/96 LAST NM 15/02 Change Light to Fl 4s 49ft 9M (1(3549)02 Ottawa)	43/02 50°54.3'N 127°59.1'W
13288	40Ed. 2/2/02 LAST NM 36/02 Change Height of light to 25ft (36/02 CG1)	43/02 43°41'45"N 69°50'00"W	17489	19Ed. 7/1/95 LAST NM 8/02 Change Light to Fl 4s 49ft 9M (1(3549)02 Ottawa)	43/02 50°54'18"N 127°59'07"W
★13290	34Ed. 2/24/01 LAST NM 40/02 Change Height of light to 25ft (36/02 CG1)	43/02 43°41'45"N 69°50'00"W	17495	2Ed. 11/26/94 LAST NM 8/02 Change Light to Fl 4s 15m 9M (1(3549)02 Ottawa)	43/02 50°54'18"N 127°59'07"W
13293	33Ed. 4/13/02 LAST NM 29/02 Delete Buoy "35"	43/02 43°54'12"N 69°48'42"W	17503	4Ed. 4/15/95 LAST NM 11/02 <b>(Continuation A)</b> Add Position circle "Fog Sig (Priv)" (1(3540)02 Ottawa)	43/02 50°04'30.6"N 125°17'20.6"W
	Change Height of light to 25ft (36/02 CG1)	43°41'45"N 69°50'01"W	17513	Ed. 8/4/89 LAST NM N42/02 Add Position circle "Fog Sig (Priv)" (1(3540)02 Ottawa)	N43/02 50°04'31"N 125°17'21"W
★13296	25Ed. 7/14/01 LAST NM 37/01 Delete Buoy "35" (36/02 CG1)	43/02 43°54'12.3"N 69°48'43.2"W	17528	Ed. 12/3/93 LAST NM N8/02 Change Light to Fl 4s 15m 9M (1(3549)02 Ottawa)	N43/02 50°54'18"N 127°59'07"W
13298	10Ed. 5/5/01 LAST NM 30/01 Delete Buoy "35" (36/02 CG1)	43/02 43°54'12.1"N 69°48'43.0"W	17541	3Ed. 11/25/95 LAST NM 8/02 Change Light to Fl 4s 15m 9M (1(3549)02 Ottawa)	43/02 50°54'18"N 127°59'07"W
★13326	12Ed. 3/20/93 LAST NM 41/02 Relocate Buoy (mooring) "C" from 44°31'34"N 67°37'02"W to (36/02 CG1)	43/02 44°31'33"N 67°37'02"W	17545	13Ed. 4/29/95 LAST NM 9/02 Delete Calling-in point symbol "8" Add Calling-in point symbol [M40] "8" with direction pointers 040°-220° (1(3603)02 Ottawa)	43/02 49°31'26"N 126°42'58"W
16597	8Ed. 10/7/89 LAST NM 16/02 Delete Depth 10 fathoms (NOS) Depth 5 3/4 fathoms	43/02 57°33'21"N 153°57'45"W 57°32'38"N 153°58'10"W	17546	22Ed. 10/29/94 LAST NM 42/02 Add Calling-in point symbol [M40] "6" with direction pointers 130°-310° 48°50.5'N 125°38.5'W Calling-in point symbol [M40] "7" with direction pointers 130°-310° 49°18.0'N 126°38.9'W Calling-in point symbol [M40] "8" with direction pointers 040°-220° 49°30.3'N 126°41.3'W (1(3603)02 Ottawa)	43/02 48°50.5'N 125°38.5'W
★16598	9Ed. 7/29/00 LAST NM 26/01 Delete Depth 18 fathoms Depth 5 3/4 fathoms	43/02 57°34'03"N 153°57'45"W 57°32'34"N 153°58'10"W	17550	4Ed. 12/3/94 LAST NM 42/02 Add Calling-in point symbol [M40] "6" with direction pointers 130°-310° 48°50.5'N 125°38.5'W (1(3603)02 Ottawa)	43/02 48°50.5'N 125°38.5'W
	Substitute Depth 7 1/2 fathoms for 10 fathoms	57°33'21"N 153°57'45"W	18405	12Ed. 12/10/94 LAST NM 48/01 Delete Depth 17.4 meters	43/02 49°17'22"N 123°06'32"W
	Depth 1 3/4 fathoms for 1 1/4 fathoms	57°32'26"N 153°59'58"W	21008	62Ed. 12/5/98 LAST NM 42/02 Change Light to Fl(4) WR 10M	43/02 27°18.4'N 112°16.0'W
	Add Depth 1 3/4 fathoms	57°31'41"N 154°05'52"W		Add Light Fl 10M (PA) (Mex LL)	27°16.0'N 112°06.9'W
	Depth 5 1/2 fathoms	57°33'04"N 153°58'22"W	21161	19Ed. 3/13/76 LAST NM 49/98 Change Light to Fl 6s 56ft 10M (PA) Light to Fl(4) WR 16s 49ft 10M	43/02 27°16.0'N 112°06.9'W
	Depth 8 3/4 fathoms	57°34'01"N 153°57'38"W		Legend to "Fl.R. Fl.G."	27°19.8'N 112°16.1'W
	Depth 10 1/4 fathoms	57°33'27"N 153°57'58"W		Delete Light	27°19.5'N 112°16.2'W
	Depth 4 1/2 fathoms	57°32'38"N 153°58'10"W		Change Light to Fl(4) WR 16s 49ft 10M with sectors red 110°-155°, white-110°	27°19.0'N 112°15'06"W
	(NOS)				Characteristic of light to Fl R 5s 27°19'47"N 112°16'17"W
★16599	6Ed. 5/5/90 LAST NM 16/02 <b>(Inset Larsen Bay)</b>	43/02			
	Delete Depth 2 3/4 fathoms	57°32'26"N 153°59'58"W			
	Depth 10 fathoms	57°33'21"N 153°57'47"W			
	Depth 11 fathoms	57°31'41"N 154°04'21"W			
	Add Depth 1 3/4 fathoms (NOS)	57°32'25.7"N 153°59'58.1"W			
17008	12Ed. 3/9/96 LAST NM 13/02 Delete Racon	43/02 54°11.1'N 131°38.8'W			
	Add Racon [S3.1] (1(3000)02 Ottawa)	54°09.7'N 131°39.5'W			
17413	2Ed. 6/17/95 LAST NM 14/02 Delete Racon	43/02 54°11.1'N 131°38.8'W			
	Add Racon [S3.1] (1(3000)02 Ottawa)	54°09.7'N 131°39.5'W			
17420	26Ed. 9/22/01 LAST NM 37/02 Delete Racon	43/02 54°11.1'N 131°38.8'W			
	Add Racon (•••) [S3.1] (1(3000)02 Ottawa)	54°09.7'N 131°39.5'W			

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**NM 43/02**

<b>21161</b>	(Continued)				
	Characteristic of light to Fl G 5s	27°19'46"N 112°16'21"W			
Add	Range light, front Fl 3s 39ft 11M Range light, rear Iso 2s 56ft 11M	27°20'00"N 112°16'29"W 27°20'01"N 112°16'30"W			
	Range line extending in 148° direction from above rear light dashed for $\frac{1}{8}$ mile, thence solid for $\frac{1}{2}$ mile				
	Legend "Lts in line 328°" along above range line	27°19'39"N 112°16'12"W			
	<b>(Plan C)</b>				
	Distances and bearings from Santa Rosalia west mole light (FG) in lower center of plan				
Delete	Light (Fl 3s), 180 yards 008° Light (Iso 2s), 605 yards 022° Buoy, 130 yards 323°				
Change	Characteristic of light (FR) to Fl R 5s, 170 yards 079°				
	Characteristic of Santa Rosalia west mole light (FG) to Fl G 5s				
Add	Range light, front Fl 3s 39ft 11M, 540 yards 335°				
	Range light, rear Iso 2s 56ft 11M, 575 yards 334°30'				
	Range line extending in 148° direction from above rear light dashed for 100 yards, thence solid for 820 yards				
	Legend "Lights in line 328°" along above range line, 230 yards 128°				
	Buoy Y, conical, Fl Y 2s, 110 yards 080° (Mex LL; Mex CH S.M. 226)				
<b>22004</b>	38Ed. 7/5/97 LAST NM 41/02		43/02		
Add	Wreck [K29]	5°29.4'S 81°12.4'W			
	Submarine pipeline [L40.1] joining	3°06.9'S 80°55.1'W 3°05.9'S 80°59.1'W 3°15.1'S 80°25.7'W			
	(7(12)02 Guayaquil; 8(82)02 Callao)				
<b>22008</b>	35Ed. 9/6/97 LAST NM 41/02		43/02		
Add	Wreck [K29] (8(82)02 Callao)	5°29.4'S 81°12.4'W			
<b>22090</b>	2Ed. 5/25/96 LAST NM 32/02		43/02		
Add	Submarine pipeline [L40.1] between	3°10.3'S 80°12.0'W 3°15.1'S 80°25.7'W			
	(7(12)02 Guayaquil)				
<b>22101</b>	19Ed. 6/1/96 LAST NM 32/02		43/02		
	<b>(Plan)</b>				
Change	Characteristic of buoy to Fl 5s (See 5/01, 16/02-22101) (4(9)02 Guayaquil)	0°56'11.5"S 80°43'10.2"W			
<b>22112</b>	3Ed. 11/2/96 LAST NM 32/02		43/02		
Add	Submarine pipeline [L40.1] joining	3°06'56"S 79°55'09"W 3°05'43"S 79°58'30"W 3°15'06"S 80°25'41"W			
	(7(12)02 Guayaquil)				
<b>22114</b>	5Ed. 2/3/96 LAST NM 42/02		43/02		
	<b>(Panel B)</b>				
Change	Characteristic of buoy to Fl R 5s and add designation "13" (4(10)02 Guayaquil)	2°16'47.5"S 79°50'38.2"W			
<b>22120</b>	3Ed. 9/1/01 LAST NM 41/02		43/02		
Add	Wreck [K29] (8(82)02 Callao)	5°29.4'S 81°12.4'W			
<b>22142</b>	2Ed. 2/3/96 LAST NM 41/02		43/02		
	<b>(Plan)</b>				
Change	Note No. 4 of ANCHORAGES note to "4. Tugs, recreational and immobilized vessels." (8(87)02 Callao)	9°03'49"S 78°33'49"W			
<b>22341</b>	9Ed. 9/11/99 LAST NM 19/02		43/02		
Add	Light Fl 5s 20m 6M with obscured sector 163°-305°	(8(110)01 Valparaiso)	42°02.2'S 72°38.6'W		
<b>22343</b>	1Ed. 8/3/61 LAST NM N19/02		N43/02		
Add	Light Fl 5s 20m 6M with obscured sector 163°-305°	(8(110)01 Valparaiso)	42°02.4'S 72°39.0'W		
<b>22351</b>	1Ed. 10/2/51 LAST NM N45/01		N43/02		
Add	Light Fl 5s 20m 6M with obscured sector 163°-305°	(8(110)01 Valparaiso)	42°02.4'S 72°39.0'W		
<b>22381</b>	Ed. 1/1/51 LAST NM N19/02		N43/02		
Add	Light Fl R 3s 8m 4M with obscured sector 065°-234° Light Fl G 3s 5m 4M with obscured sector 327°-141° Light Fl G 5s 5m 4M with obscured sector 300°-091°	(2(29)01 Valparaiso)	48°41.4'S 74°29.7'W 48°43.9'S 74°36.8'W 48°40.3'S 74°43.3'W		
<b>22410</b>	32Ed. 7/19/97 LAST NM 11/02		43/02		
Change	Visibility (range) of light to 8M (8(114)01 Valparaiso)	53°49.7'S 70°23.5'W			
<b>22421</b>	4Ed. 9/15/87 LAST NM N11/02		N43/02		
Change	Visibility (range) of light to 8M (8(114)01 Valparaiso)	53°49.7'S 70°23.7'W			
<b>22427</b>	1Ed. 10/10/88 LAST NM N4/02		N43/02		
Delete	Anchorage symbol (large vessels)	52°58.5'S 70°07.3'W			
	Anchorage symbol (large vessels)	52°58.8'S 70°18.5'W			
	Anchorage symbol (large vessels)	53°02.9'S 70°17.2'W			
Change	Visibility (range) of light to 8M (8(113, 114)01 Valparaiso)	53°49.7'S 70°23.5'W			
<b>22481</b>	35Ed. 11/29/97 LAST NM 45/01		43/02		
Delete	Anchorage symbol (large vessels)	52°58.5'S 70°07.3'W			
	Anchorage symbol (large vessels)	52°58.8'S 70°18.5'W			
	Anchorage symbol (large vessels)	53°02.9'S 70°17.2'W			
	(8(113)01 Valparaiso)				
<b>24233</b>	15Ed. 2/14/98 LAST NM 36/02		43/02		
Add	Caution No. 4 to CAUTIONS note "4. Shoaling between buoys 4/7 and 6/9. Channel has depths varying from 7.2 to 9.0 meters. Mariners should navigate the channel only with local knowledge." 5°45'04.0"S 35°13'44.0"W				
	Legend "CAUTION NO 4" (See 26/00-24233)	5°45'22.0"S 35°12'10.0"W			
	(16(106)02 Rio de Janeiro)				
<b>24251</b>	23Ed. 9/14/96 LAST NM 34/02		43/02		
Add	Obscured sector 318°-116° to light	3°43'34.0"S 38°28'17.5'W			
	(16(104)02 Rio de Janeiro)				
<b>24252</b>	5Ed. 2/15/97 LAST NM 39/02		43/02		
Add	Obscured sector 318°-116° to light	3°43'34"S 38°28'18" W			
	(16(104)02 Rio de Janeiro)				
<b>24290</b>	3Ed. 3/14/98 LAST NM 36/02		43/02		
Change	Light to Fl 10s 23m 11M Note: Obscured sector unchanged (Supersedes 46/01-24290)	0°10.8'S 48°46.0'W			
	(16(102)02 Rio de Janeiro)				

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<b>24320</b>	4Ed. 4/5/97 LAST NM 34/02 Change Light to Fl 10s 23m 11M (Supersedes 46/01-24320) (16(102)02 Rio de Janeiro)	43/02 0°10.8'S 48°45.9'W	<b>37362</b>	6Ed. 7/12/97 LAST NM 31/02 Change Light (Fl(2) G) to Fl(3) G 12s 4m 7M (47(30)00 Brest; Fr LL)	43/02 47°06'28"N 2°06'38"W
<b>27120</b>	4Ed. 7/3/99 LAST NM 41/02 Change Light to Fl(3) 12s 32m 12M (Mex LL)	43/02 20°35.2'N 86°43.9'W	<b>37380</b>	2Ed. 9/11/93 LAST NM 42/02 Add Depth 12.7 meters Wk [K26] (11(39)02 Brest)	43/02 46°59.0'N 2°29.4'W
<b>28190</b>	2Ed. 6/5/99 LAST NM 41/02 Change Light to Fl(3) 12s 32m 12M Light to Fl 5s 32m 15M Visibility (range) of light to 12M Visibility (range) of light to 12M Visibility (range) of light to 12M Visibility (range) of light to 8M Visibility (range) of light to 8M Visibility (range) of light to 8M Visibility (range) of light to 8M (Mex LL)	43/02 20°35.7'N 86°43.8'W 20°16.5'N 86°59.4'W 20°12.0'N 87°26.8'W 19°47.0'N 87°27.9'W 19°18.8'N 87°26.7'W 19°04.5'N 87°33.3'W 18°45.9'N 87°18.9'W 18°43.8'N 87°41.8'W 18°35.5'N 87°19.9'W	<b>37420</b> (INT 1804) 1Ed. 2/27/88 LAST NM 34/02 Add Foul ground symbol [K31] enclosed by purple dashed-line circle, radius 1 mile with legend "ANCH AND FISHING PROHIB" 44°37'56"N 1°46'11"W Foul ground symbol [K31] enclosed by purple dashed-line circle, radius 1 mile with legend "ANCH AND FISHING PROHIB" 44°33'14"N 1°48'09"W (47(33)00 Brest)	43/02	
<b>28196</b>	4Ed. 3/27/99 LAST NM 41/02 Change Light to Fl(3) 12s 32m 12M Light to Fl 5s 32m 15M (Mex LL)	43/02 20°35'21"N 86°43'29"W 20°16'21"N 86°59'18"W	<b>52040</b>	17Ed. 9/27/86 LAST NM 23/01 Add Fish haven symbol [K46] (22(403)02 Cadiz)	43/02 36°42.4'N 2°10.5'W
<b>35246</b>	2Ed. 5/24/97 LAST NM 38/02 Delete Radio mast symbol and legend "(54) MAST" (35(3694)02 Taunton)	43/02 57°36'10"N 7°09'49"W	<b>52051</b>	1Ed. 3/12/94 LAST NM 41/01 Add "Fish haven" area with blue tint [K46] bound by dotted line (limiting danger line) joining (22(403)02 Cadiz)	43/02 36°42'34"N 2°10'58"W 36°41'53"N 2°11'02"W 36°42'19"N 2°10'01"W 36°42'44"N 2°10'01"W
<b>37043</b>	17Ed. 8/2/97 LAST NM 20/02 Delete White sector 013°-207° from light (37(3897)02 Taunton)	43/02 50°21'01"N 4°27'02"W	<b>52052</b>	1Ed. 4/23/94 LAST NM 41/01 Add "Works in progress (2002)" area bound by shore and dashed line between (22(402)02 Cadiz)	43/02 36°50'04.0"N 2°28'36.7"W 36°50'12.2"N 2°28'28.9"W
<b>37046</b>	18Ed. 12/13/97 LAST NM 31/02 Add Depth 4.8 meters Depth 5.9 meters (36(3800)02 Taunton)	43/02 50°19'40"N 3°34'09"W 50°20'01"N 3°33'42"W	<b>52060</b>	16Ed. 9/26/87 LAST NM 32/01 Add Fish haven symbol [K46] (22(403)02 Cadiz)	43/02 36°42.4'N 2°10.5'W
<b>37081</b>	23Ed. 10/26/96 LAST NM 38/02 Delete Bell from buoy (35(3698)02 Taunton)	43/02 50°46'08"N 1°14'10"W	<b>52180</b>	14Ed. 7/31/99 LAST NM 42/02 Delete Disused submarine cable between Substitute Disused submarine cable [L32] for submarine cable between (8(5)01 Genova)	43/02 38°17.0'N 13°27.0'E 38°15.0'N 13°24.7'E 38°15.5'N 13°27.0'E 38°12.3'N 13°20.3'E
<b>37084</b>	9Ed. 10/31/98 LAST NM 40/02 Delete Bell from buoy Substitute Beacon R, can topmark for buoy (35(3698)02 Taunton)	43/02 50°46'08"N 1°14'10"W 50°44'16"N 1°09'52"W	<b>53180</b>	10Ed. 1/21/95 LAST NM 34/02 Delete Disused submarine cable joining Disused submarine cable between Substitute Disused submarine cable [L32] for submarine cable between (8(5)01 Genova)	43/02 38°15.6'N 13°17.0'E 38°15.0'N 13°20.2'E 38°13.5'N 13°20.6'E 38°16.0'N 13°25.5'E 38°14.0'N 13°22.7'E 38°15.5'N 13°26.5'E 38°12.5'N 13°19.7'E
<b>37119</b> (INT 1736)	2Ed. 5/8/93 LAST NM 36/01 Add Depth 7.8 meters Depth 9.7 meters (35(3700)02 Taunton)	43/02 51°06.994'N 1°20.110'E 51°06.746'N 1°19.836'E	<b>53200</b>	6Ed. 12/18/93 LAST NM 36/02 Delete Disused submarine cable between Disused submarine cable between (See 47/98-53200)	43/02 36°43.6'N 14°51.9'E 36°15.5'N 14°43.5'E 36°43.6'N 14°51.9'E 36°15.5'N 14°41.2'E
<b>37161</b>	14Ed. 3/15/97 LAST NM 34/02 Delete Buoy "N Scroby" Relocate Buoy "Hemsby" from 52°41'50"N 1°44'56"E to 52°41'50"N 1°45'53"E Add Depth 6 meters Depth 5.6 meters Depth 4 meters Depth 4.3 meters Buoy "N Scroby" BY, pillar, double cone topmark points upward, VQ WHIS (See 50/98-37161) (35(3690)02 Taunton)	43/02 52°42'31"N 1°44'40"E 52°41'50"N 1°45'53"E 52°27'23"N 1°47'14"E 52°27'32"N 1°47'15"E 52°35'05"N 1°46'47"E 52°35'16"N 1°46'44"E 52°41'28"N 1°46'23"E	Add Submarine cable [L30.1] joining (continued on next page)	35°56.0'N 13°30.0'E 35°55.8'N 13°30.6'E 35°54.3'N 13°34.9'E 35°50.8'N 13°42.3'E 35°47.5'N 13°48.2'E	
<b>37360</b>	15Ed. 6/22/96 LAST NM 34/02 Substitute Depth 122 meters Obstn [K41] for 89 meters Wk (See 15/02-37360) (13(16)02 Brest)	43/02 47°09.5'N 4°15.8'W			

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**NM 43/02**

<b>53200</b>	(Continued)			
	Submarine cable [L30.1] joining			
		35°58.0'N 14°32.3'E 36°00.0'N 14°34.8'E 36°17.8'N 14°51.5'E 36°20.4'N 14°56.6'E 36°24.4'N 14°59.6'E 36°39.8'N 15°21.0'E		Beacon YBY, double cone topmark points together 42°39'03.6"N 18°03'27.0"E (5(3, 4)02 Split)
	Submarine cable [L30.1] joining	36°49.7'N 13°30.0'E 36°41.4'N 13°54.1'E 36°18.4'N 14°13.8'E 36°16.8'N 14°18.6'E 36°11.3'N 14°33.6'E 36°00.5'N 15°09.2'E 35°57.9'N 15°17.0'E 35°55.9'N 15°24.6'E 35°55.9'N 15°28.8'E 35°53.1'N 15°35.3'E 35°53.4'N 15°40.2'E 35°54.0'N 15°42.0'E		54389 8Ed. 5/18/96 LAST NM 6/02 43/02 Add "EXPLOSIVES ANCHORAGE" area [N12.7] bound by purple dashed line joining 37°55'26"N 27°13'28"E 37°55'26"N 27°14'58"E 37°54'26"N 27°14'58"E 37°54'26"N 27°13'28"E
	(8(6)01 Genova)			"ANCHORAGE AREA" [N12.1] bound by purple dashed line joining 37°53'56"N 27°13'58"E 37°53'56"N 27°15'28"E 37°52'56"N 27°15'28"E 37°52'56"N 27°13'58"E (28(158)01 Istanbul)
<b>53220</b>	6Ed. 9/27/86 LAST NM 36/02 Delete Disused submarine cable between	36°43.6'N 14°51.9'E 36°15.5'N 14°43.5'E		54400 8Ed. 6/2/90 LAST NM 32/02 43/02 Add Purple composite line (prohibited area limit) between 37°10.5"N 27°21.4"E 37°10.5"N 27°21.5"E
	Disused submarine cable between (See 47/98-53220)	36°43.6'N 14°51.9'E 36°15.5'N 14°41.2'E		Purple composite line (prohibited area limit) between 37°09.8"N 27°22.7"E 37°09.1"N 27°22.6"E
Add	Submarine cable [L30.1] joining	35°55.6'N 14°29.3'E 35°56.0'N 14°30.7'E 36°00.0'N 14°34.8'E 36°17.8'N 14°51.5'E 36°20.4'N 14°56.6'E 36°24.4'N 14°59.6'E 36°37.0'N 15°17.6'E 36°39.8'N 15°21.0'E		Purple composite line (prohibited area limit) between 36°57.6"N 27°18.3"E 36°57.1"N 27°18.3"E (43(218)01 Istanbul)
	Submarine cable [L30.1] joining	36°41.4'N 12°40.0'E 36°38.5'N 12°42.9'E 36°35.3'N 12°42.9'E 36°33.2'N 12°47.5'E 36°32.5'N 12°49.5'E 36°31.4'N 12°50.0'E 36°28.9'N 12°52.2'E 36°20.7'N 12°51.0'E 36°17.1'N 12°55.2'E 36°13.9'N 12°59.3'E 36°05.2'N 13°09.0'E 36°04.3'N 13°20.0'E 35°55.8'N 13°30.6'E 35°54.3'N 13°34.9'E 35°47.5'N 13°48.2'E 35°47.0'N 13°49.4'E		54403 4Ed. 6/14/86 LAST NM 22/02 43/02 Add "EXPLOSIVES ANCHORAGE" area [N12.7] bound by purple dashed line joining 37°55'26"N 27°13'28"E 37°55'26"N 27°14'58"E 37°54'26"N 27°14'58"E 37°54'26"N 27°13'28"E
	Submarine cable [L30.1] joining	37°07.5'N 12°40.0'E 37°01.9'N 12°48.1'E 37°04.4'N 12°57.5'E 37°04.2'N 12°58.1'E 37°03.6'N 12°58.6'E 37°01.6'N 13°01.0'E 37°00.5'N 13°03.1'E 36°56.9'N 13°05.9'E 36°54.7'N 13°08.3'E 36°54.3'N 13°09.6'E 36°54.3'N 13°17.5'E 36°41.4'N 13°54.1'E 36°18.4'N 14°13.8'E 36°17.6'N 14°15.4'E 36°16.8'N 14°18.6'E 36°11.3'N 14°33.6'E 36°00.5'N 15°09.2'E 35°59.8'N 15°12.4'E 35°57.9'N 15°17.0'E 35°56.8'N 15°21.0'E		"ANCHORAGE AREA" [N12.1] bound by purple dashed line joining 37°53'56"N 27°13'58"E 37°53'56"N 27°15'28"E 37°52'56"N 27°15'28"E 37°52'56"N 27°13'58"E
	(8(6)01 Genova)			Purple composite line (prohibited area limit) between 37°10'28"N 27°21'22"E 37°10'28"N 27°21'24"E
				Purple composite line (prohibited area limit) between 37°09'50"N 27°22'30"E 37°09'04"N 27°22'14"E (28(158), 43(218)01 Istanbul)
<b>54180</b>	6Ed. 9/26/92 LAST NM 41/02 Add Buoy BRB, pillar, double ball topmark, Fl(2) 10s (5(1)02 Split)	45°13.8'N 14°30.9'E		54407 4Ed. 1/27/96 LAST NM 32/02 43/02 Add Purple composite line between 36°57.5"N 27°18.3'E 36°57.1"N 27°18.2'E (43(218)01 Istanbul)
<b>54222</b>	4Ed. 11/26/94 LAST NM 21/02 Add Light Iso 2s 50m 5M	42°40'05.4"N 18°04'46.1"E		54418 4Ed. 10/5/96 LAST NM 32/02 43/02 Add Purple composite line (prohibited area limit) between 36°57'41.0"N 27°18'24.1"E 36°57'06.0"N 27°18'24.0"E (43(218)01 Istanbul)
				54430 1Ed. 8/21/93 LAST NM 37/02 43/02 Add Submarine pipeline (water) [L41.1] between 36°43.9'N 31°30.4"E 36°43.2'N 31°28.8"E
				Submarine pipeline (water) [L41.1] between 36°43.8'N 31°30.7"E 36°42.7'N 31°30.4"E (44(222)01 Istanbul)
				55044 5Ed. 3/23/96 LAST NM 41/02 43/02 Add Solid line (pier) [F14] between 40°26'59"N 27°08'10"E 40°26'50"N 27°08'05"E (5(24)02 Istanbul)

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<b>55049</b>	6Ed. 8/24/96 LAST NM 41/02 <b>(Panel B)</b>	43/02	4°12'00.0"N 6°57'00.0"E 4°12'00.0"N 6°55'00.0"E
Delete	"PROHIBITED AREA SEE CAUTIONS" bound by purple dashed line joining		(40(3951)01, 20(2081)02 Taunton)
	40°44'52.8"N 29°49'32.0"E 40°44'37.2"N 29°49'13.2"E 40°44'23.0"N 29°47'54.6"E 40°44'27.2"N 29°47'03.4"E		
	Buoy (mooring) 40°43'29.4"N 29°46'54.0"E Buoy (mooring) 40°43'27.6"N 29°46'59.4"E Legend "Moslem Minaret" 40°43'16.5"N 29°46'51.4"E		
	(44(219)01, 5(23)02 Istanbul)		
<b>57120</b>	13Ed. 8/9/97 LAST NM 44/98	43/02	
Delete	Danger circle 4°48.5"N 4°22.1"E Danger circle 4°49.0"N 4°22.4"E Legend "Wells" 4°48.5"N 4°23.0"E Depth 27.9 meters, mud 4°52.7"N 4°17.2"E		
Substitute	Danger circle "Well" [L21.1] for position circle "Pipe" 4°49.9"N 4°22.9"E		
Change	Legend to "EA Oilfield" 4°49.4"N 5°19.0"E		
Add	Position circle "Pipe" [L23] 5°19.5"N 5°12.7"E Position circle "Pipe" [L23] 5°18.3"N 5°10.8"E Danger circle "Well" [L21.1] 4°51.9"N 5°16.8"E Danger circle "Well" [L21.1] 4°49.4"N 5°16.1"E Danger circle "Well" [L21.1] 4°45.9"N 5°20.6"E Racon [S3.1] to platform 5°10.3"N 5°10.7"E		
	Platform SPM with light flare symbol [L12] 4°48.1"N 5°18.7"E		
	Platform with light flare symbol [L10] and legend "Flare" 5°34.6"N 4°59.5"E		
	Platform with light flare symbol [L10] 4°50.8"N 5°16.9"E Platform with light flare symbol [L10] 4°48.4"N 5°20.9"E Platform with light flare symbol [L10] 4°48.1"N 5°21.9"E		
	Submarine pipeline [L40.1] with legend "Oil" joining 5°35.8"N 4°59.4"E 5°34.6"N 4°59.5"E 5°43.4"N 4°49.9"E		
	"DEVELOPMENT AREA (CAUTION NO 10)" bound by dashed line joining 4°49.4"N 5°12.6"E 4°53.7"N 5°15.6"E 4°52.1"N 5°26.6"E 4°41.4"N 5°22.6"E		
	Caution No. 10 to CAUTIONS note "10. The limits of Development Areas are charted around certain oil or gas fields. Surface vessels, subsea craft and divers may be engaged in constructing and servicing installations within these areas. Other vessels are strongly advised to keep outside the charted limits." 6°09.7"N 5°19.8"E		
	(50(4878)00, 13(1375), 39(3852), 50(5001)01, 1(77), 12(1241)02 Taunton)		
<b>57140</b>	10Ed. 8/16/97 LAST NM 44/98	43/02	
Delete	Anchorage symbol (large vessels) 4°13.1"N 6°59.6"E		
Add	Danger circle "Well" [L21.1] 4°49.4"N 5°16.1"E Platform (lighted) SPM [L12] 4°48.1"N 5°18.7"E Danger circle "Well" [L21.1] 4°45.9"N 5°20.6"E Dangerous wreck [K28] 4°17.7"N 7°04.2"E		
	"ANCHORAGE AREA" [N12.1] bound by purple dashed joining 4°14.0"N 6°55.0"E 4°14.0"N 6°57.0"E 4°12.0"N 6°57.0"E 4°12.0"N 6°55.0"E		
	(13(1375), 40(3951)01, 12(1241), 20(2081)02 Taunton)		
<b>57141</b>	14Ed. 9/5/98 LAST NM 47/98	43/02	
Delete	Anchorage symbol (large vessels) 4°13'12.0"N 6°58'30.0"E		
Add	Dangerous wreck [K28] 4°17'44.4"N 7°04'12.6"E		
	"ANCHORAGE AREA" [N12.1] bound by purple dashed joining 4°14'00.0"N 6°55'00.0"E 4°14'00.0"N 6°57'00.0"E		
<b>57142</b>	6Ed. 7/11/98 LAST NM 45/98 <b>(Plan A)</b>	43/02	
Add	Stranded wreck [K24] (PA) (23-24(2425)02 Taunton)	4°32'54.0"N 7°12'19.8"E	
<b>57160</b>	10Ed. 5/11/96 LAST NM 11/00	43/02	
Delete	Light from buoy "1" 4°20.8"N 8°16.1"E Light from buoy "Fairway" 4°18.6"N 8°14.8"E Racon from platform 3°58.7"N 8°32.9"E		
Add	Depth 14 meters 3°43.6"N 9°18.6"E Depth 15.8 meters 3°42.3"N 9°18.0"E Platform with light flare symbol [L10] 4°21.3"N 7°29.9"E Platform with light flare symbol [L10] 4°20.6"N 7°34.5"E Platform with light flare symbol [L10] 4°20.1"N 7°35.8"E Platform with light flare symbol [L10] 4°20.7"N 7°37.6"E Platform with light flare symbol [L10] 4°20.1"N 7°38.1"E Platform with light flare symbol [L10] 4°17.2"N 7°38.8"E Platform with light flare symbol [L10] 4°16.9"N 7°39.9"E Platform with light flare symbol [L10] 4°19.3"N 7°39.7"E Platform with light flare symbol [L10] 4°19.6"N 8°21.4"E Platform with light flare symbol [L10] 4°16.9"N 8°35.2"E Platform with light flare symbol [L10] 4°22.7"N 8°35.5"E Platform with light flare symbol [L10] 4°16.7"N 8°39.5"E		
	Moored storage tanker with light flare symbol [L17] HORN and legend "Okono Terminal" Storage Tanker" 3°59.4"N 7°17.5"E		
	"ENTRY RESTRICTED" area bound by purple composite-line circle, radius 2 miles, centered 3°59.4"N 7°17.5"E		
	Depth 8.8 meters 3°31.3"N 8°34.1"E Depth 4.6 meters 3°28.1"N 8°32.9"E Foul ground symbol [K31] 4°02.1"N 7°17.2"E Foul ground symbol [K31] 4°00.0"N 7°15.8"E		
	Anchorage symbol [N10] with legend "Pilot Station" 4°01.8"N 7°17.5"E		
	(9(933), 12(1155), 47(4695)01, 15(1566, 1568), 25(2529)02 Taunton)		
<b>57162</b>	7Ed. 6/9/90 LAST NM 44/99 <b>(Plan)</b>	43/02	
Add	Depth 15.8 meters 3°42.3"N 9°18.0"E Pilot symbol station [T1.1] 3°45.9"N 8°46.8"E		
Add	Pilot symbol station [T1.1] 3°45'54.0"N 8°46'48.0"E		
	(15(1566, 1567)02 Taunton)		
<b>57164</b>	2Ed. 2/4/89 LAST NM 48/98 <b>(Plan A)</b>	43/02	
Delete	Buoy 4°58'03.0"N 8°18'53.5"E Buoys (3) in vicinity 4°58'08.0"N 8°19'07.0"E Buoy "42" 4°58'51.5"N 8°19'15.7"E Buoy "43" 4°59'06.4"N 8°19'04.6"E Buoy "45" 4°58'57.0"N 8°18'17.2"E Wrecks (2) in vicinity 4°58'40.0"N 8°19'14.5"E		
Add	Double solid line with land tint (T-head pier) between 4°59'02.0"N 8°19'18.9"E 4°59'01.2"N 8°19'17.9"E		
	Double solid line with land tint (T-head pier) between 4°59'00.0"N 8°19'18.8"E 4°59'02.0"N 8°19'17.3"E		
	Legend "Miciver Jetty" 4°59'02.5"N 8°19'21.0"E Position circle "Dol" [F20] 4°59'02.7"N 8°19'16.6"E		
	(29(2893)00 Taunton; BA CH 3434)		
<b>57165</b>	1Ed. 8/25/90 LAST NM 48/98	43/02	
Delete	Light from buoy "1" 4°20'48"N 8°16'06"E		
Change	Buoy to "Fairway" RW, spherical 4°18'36"N 8°14'48"E		
Add	Depth 2.4 meters, blue tint and enclosing depth contour (5-meter) 4°26'36"N 8°45'30"E		
	(47(4695)01, 15(1564)02 Taunton)		

# SECTION I

**NM 43/02**

<b>57170</b>	1Ed. 9/16/89 LAST NM 33/01 Add Moored storage tanker "Sendje Berge" [L17] with light flare enclosed by purple composite-line circle, radius 3 miles and legend "Restricted Area", centered	43/02 1°24.6'N 9°13.7'E	<b>(Plan A)</b> Add Light Fl G 3s 5m 5M (42(346)99 Jakarta; BA LL)	8°28.95'S 116°40.43'E
	Superbuoy SPM [L16] with light flare symbol (Add submarine pipeline between the above moored storage tanker and superbuoy)	1°24.1'N 9°14.4'E		
	Legend "Ceiba Terminal" Anchorage symbol (large vessels) [N10] Depth 109 meters Depth 27.5 meters Depth 27.5 meters	1°23.5'N 9°13.7'E 1°24.7'N 9°17.7'E 1°24.3'N 9°12.7'E 1°24.0'N 9°16.1'E 1°25.3'N 9°18.6'E		
	(31(3217)02 Taunton)			
<b>62032</b>	15Ed. 3/25/95 LAST NM 33/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62033</b>	2Ed. 7/6/96 LAST NM N33/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	N43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62429</b>	9Ed. 3/25/95 LAST NM 39/02 Change Characteristic of buoy "BOF-1" to Fl Y 4s Characteristic of buoy "15/CH4" to Fl Y 4s	43/02 27°06'03.1"N 49°42'51.0"E 27°01'44.8"N 49°43'15.5"E		
	(37(3946)02 Taunton)			
<b>62455</b>	7Ed. 9/8/90 LAST NM 39/02 Change Characteristic of buoy "BOF-1" to Fl Y 4s Characteristic of buoy "15/CH4" to Fl Y 4s	43/02 27°06'02"N 49°42'50"E 27°01'46"N 49°43'15"E		
	(37(3946)02 Taunton)			
<b>62480</b>	1Ed. 8/15/98 LAST NM 37/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62490</b>	1Ed. 5/30/98 LAST NM 33/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62520</b>	5Ed. 2/21/98 LAST NM 37/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62521</b>	3Ed. 2/21/98 LAST NM N37/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	N43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62530</b>	5Ed. 2/28/98 LAST NM 33/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62531</b>	3Ed. 2/28/98 LAST NM N33/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	N43/02 26°12.9'N 52°08.2'E		
	(37(3945)02 Taunton)			
<b>62550</b>	2Ed. 3/2/96 LAST NM 30/02 Add Depth 28 meters Well [L21.2] (unsurveyed)	43/02 26°12'56"N 52°08'15"E		
	(37(3945)02 Taunton)			
<b>72211</b>	6Ed. 1/24/98 LAST NM 41/01 Add Light Fl G 3s 5m 5M	43/02 8°28'57"S 116°40'26"E		
<b>74020</b>	4Ed. 2/10/96 LAST NM 38/02 Relocate Pilot station symbol and legend "NOTE NO 2" from 20°31'55"S 117°16'35"E to 20°32'07"S 117°17'40"E (See 16/02-74020)	43/02		
	Change Line 4 of Note No. 2 to "and 20°32.1'S, 117°17.7'E, then from this position to the" (16(502)02 Wollongong)	20°46'24"S 117°12'24"E		
<b>74027</b>	9Ed. 5/13/95 LAST NM 7/01 Add Submarine cable [L30.1] between	43/02 32°14.5'S 115°41.7'E 32°19.1'S 114°48.7"E		
	Submarine cable [L30.1] between	32°15.3'S 115°34.2'E 32°20.6'S 114°48.7"E		
	Submarine cable [L30.1] between	32°15.3'S 115°34.2'E 32°22.4'S 114°48.7"E		
	(26(738)00 Wollongong)			
<b>74229</b>	2Ed. 9/19/98 LAST NM 37/02 <b>(Plan)</b> Add Legend "Works in Progress (2002)"	43/02 21°15'00.0"S 149°17'51.0"E		
	(9(285)02 Wollongong)			
<b>74265</b>	2Ed. 7/12/97 LAST NM 41/02 Substitute Depth 15 meters for 15.4 meters	43/02 14°37.5'S 145°19.6"E		
	Add Depth 14.1 meters (16(499)02 Wollongong)	14°38.0'S 145°16.9"E		
<b>74273</b>	5Ed. 8/23/97 LAST NM 41/02 Delete Depth 17.2 meters	43/02 14°37'49"S 145°17'31"E		
	Substitute Depth 15 meters for 15.4 meters	14°37'29"S 145°19'35"E		
	Add Depth 14.1 meters (16(499)02 Wollongong)	14°38'01"S 145°16'55"E		
<b>74376</b>	5Ed. 11/25/95 LAST NM 14/01 Delete Dashed line between	43/02 12°11'00"S 136°40'54"E 12°11'00"S 136°35'46"E		
	Add Dashed line (harbor limit) between	12°10'58"S 136°41'04"E 12°11'06"S 136°35'48"E		
	<b>(Plan)</b> Delete Dashed line between	12°10'58.0"S 136°40'56.5"E 12°11'02.0"S 136°38'04.2"E		
	Add Dashed line (harbor limit) between	12°10'58.2"S 136°41'04.2"E 12°11'03.6"S 136°38'04.2"E		
	(16(501)02 Wollongong)			
<b>74485</b>	3Ed. 6/14/97 LAST NM 16/02 Relocate Pilot station symbol from 20°31.9"S 117°16.6"E to (See 16/02-74485)	43/02 20°32.1"S 117°17.7"E		
	Change Lines 2-3 of PILOTAGE note to "Entry into Port Walcott is via the 183° track, then 256° to 20°32.1'S, 117°17.7'E; from this position to the berth, pilotage is compulsory."	20°32.0"S 118°40.0"E		
	(16(502)02 Wollongong)			
<b>74493</b>	3Ed. 8/9/97 LAST NM 38/02 Relocate Pilot station symbol and legend "(See Note)" from 20°31'55"S 117°16'34"E to 20°32'07"S 117°17'40"E	43/02 20°32.1"S 117°17'40"E		
	Buoy "62" from 20°26'19"S 117°27'15"E to 20°27'27"S 117°27'12"E (See 16/02-74493)			

(continued on next page)

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<b>74493</b>	(Continued)			
Change	Lines 2-3 of PILOTAGE note to "Entry into Port Walcott is via the 183° track thence 256° to 20°32.1'S, 117°17.7'E; from this position to the berth pilotage" 20°43'36"S 118°07'00"E (16(502)02 Wollongong)			
<b>74555</b>	3Ed. 8/30/97 LAST NM 34/02	43/02		
Add	Submarine cable [L30.1] between	32°14'40"S 115°41'41"E 32°19'09"S 114°48'43"E		
	Submarine cable [L30.1] between	32°15'19"S 115°34'14"E 32°20'37"S 114°48'43"E		
	Submarine cable [L30.1] between	32°15'19"S 115°34'14"E 32°22'21"S 114°48'43"E (26(738)00 Wollongong)		
<b>74560</b>	10Ed. 7/18/98 LAST NM 40/02	43/02		
	<b>(Plan A)</b>			
Add	Buoy Y, spar, "X" topmark, QY	28°45'04.2"S 114°35'30.0"E (4(148)02 Wollongong)		
<b>74581</b>	9Ed. 3/30/96 LAST NM 41/02	43/02		
Add	Depth 15.9 meters Wk [K26]	32°03'48.7"S 115°36'13.1"E (26(736)00 Wollongong)		
<b>74583</b>	15Ed. 10/14/95 LAST NM 40/02	43/02		
Add	Submarine cable [L30.1] joining	32°14'32"S 115°41'41"E 32°14'54"S 115°41'31"E 32°15'08"S 115°40'38"E 32°15'08"S 115°39'36"E 32°15'20"S 115°37'28"E 32°15'19"S 115°34'10"E 32°18'57"S 114°53'05"E		
	Submarine cable [L30.1] between	32°15'19"S 115°34'14"E 32°20'07"S 114°53'05"E		
	Submarine cable [L30.1] between	32°15'19"S 115°34'14"E 32°21'41"S 114°53'05"E		
	Depth 7.4 meters, blue tint and enclosing depth contour (10-meter)	32°01'51"S 115°26'27"E		
	Depth 2.8 meters enclosed by depth contour (5-meter)	32°00'19"S 115°34'52"E		
	Depth 4.4 meters enclosed by depth contour (5-meter)	31°59'15"S 115°34'32"E		
	Depth 15.9 meters Wk [K26]	32°03'49"S 115°36'13"E (26(735, 736, 738)00 Wollongong)		
<b>74584</b>	5Ed. 7/22/95 LAST NM 41/02	43/02		
Add	Submarine cable [L30.1] joining	32°14'32.4"S 115°41'41.4"E 32°14'54.0"S 115°41'31.2"E 32°15'08.4"S 115°40'38.4"E 32°15'08.0"S 115°40'06.0"E		
	Depth 15.9 meters Wk [K26]	32°03'48.7"S 115°36'13.1"E		
	Buoy Y, can, QY	32°11'27.6"S 115°46'08.2"E (26(736-738)00 Wollongong)		
<b>75191</b>	6Ed. 6/10/95 LAST NM 38/02	43/02		
Delete	Buoy	42°53'36"S 147°23'14"E		
Add	Buoy Y, can, "X" topmark, Fl(2) Y 4s	42°53'56"S 147°22'53"E (26(740)00 Wollongong)		
<b>83021</b>	1Ed. 10/3/81 LAST NM 27/02	43/02		
Delete	Depth 51 meters, blue tint and enclosing depth contour in vicinity	14°49.5'S 148°46.0"W (20(26)02 Brest)		
<b>83023</b>	4Ed. 10/3/81 LAST NM 27/02	43/02		
Delete	Depth 51 meters	14°49.5'S 148°46.0"W (20(26)02 Brest)		
<b>94360</b>	6Ed. 10/21/95 LAST NM 32/02	43/02		
Add	Anchorage area "No 1" [N12.2] bound by dashed-line circle, radius 1 mile, centered	38°25.8'N 118°10.7"E		
	Anchorage area "No 2" [N12.2] bound by dashed-line circle, radius 1 mile, centered	38°28.5'N 118°18.3"E		
	Anchorage area "No 3" [N12.2] bound by dashed-line circle, radius 1.5 miles, centered	38°30.2'N 118°26.8"E (25(395)02 Tianjin)		
<b>94363</b>	4Ed. 11/21/92 LAST NM 32/02	43/02		
Delete	Dashed line between	38°56'48"N 117°57'37"E		
	Dashed line between	38°56'30"N 118°00'02"E		
	(23(369)01 Tianjin)	38°56'09"N 117°57'27"E 38°55'49"N 117°59'50"E		
<b>95060</b>	13Ed. 8/5/95 LAST NM 40/02	43/02		
Delete	Buoy	36°57.5'N 126°01.8'E (14(185)02 Inchon)		
<b>95066</b>	11Ed. 11/21/98 LAST NM 41/02	43/02		
Delete	Buoy "1"	37°20'02"N 126°38'08"E		
	Buoy "2"	37°19'28"N 126°38'10"E		
	Buoy "3"	37°20'30"N 126°39'15"E		
	Buoy "4"	37°20'15"N 126°39'23"E		
Relocate	Buoy "2" from 37°19'48"N 126°36'36"E to 37°19'38"N 126°36'16"E			
	Buoy "4" from 37°20'12"N 126°36'36"E to 37°19'38"N 126°36'42"E			
Add	Buoy "3" G, pillar, can topmark, Fl(4) G 8s	37°20'04"N 126°36'52"E		
	Buoy "1" G, pillar, can topmark, Fl(2) G 6s	37°20'30"N 126°39'17"E		
	Buoy "A" Y, conical, "X" topmark	37°20'18"N 126°36'42"E		
	Dashed line (recommended track) [M4] joining	37°20'16"N 126°26'35"E		
		37°17'20"N 126°23'46"E		
		37°12'58"N 126°21'12"E		
		37°11'04"N 126°20'51"E		
		37°07'16"N 126°18'46"E		
	Note: Fairway for southbound traffic only (47(610, 611)00, 50(646)01, 14(183, 184)02 Inchon)			
<b>95100</b>	12Ed. 3/2/96 LAST NM 39/02	43/02		
Add	Light Fl R 5s 11m 5M	33°29'11"N 126°23'38"E (36(468)02 Inchon)		
<b>95103</b>	8Ed. 5/18/96 LAST NM 42/02	43/02		
Add	Light Fl G 6s 12m 5M	33°14'11"N 126°31'00"E		
	Light Fl R 5s 11m 5M	33°29'11"N 126°23'38"E (36(467, 468)02 Inchon)		
<b>95120</b>	7Ed. 12/2/95 LAST NM 42/02	43/02		
Add	Light Fl G 6s 12m 5M	33°14'11"N 126°31'00"E		
	Light Fl R 5s 11m 5M	33°29'11"N 126°23'38"E (36(467, 468)02 Inchon)		
<b>95149</b>	9Ed. 6/12/99 LAST NM 41/02	43/02		
Substitute	Double solid line with land tint (bridge) [D22] for double dashed line joining	35°09'47"N 129°07'59"E		
		35°09'21"N 129°08'13"E		
		35°09'11"N 129°08'08"E		
		35°08'15"N 129°07'15"E		
		35°08'08"N 129°06'40"E		
	and delete legend "Causeway (under constr)" in vicinity (36(464)02 Inchon)			

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<b>95153</b>	2Ed. 4/23/94 LAST NM 38/02 Substitute Double solid line with land tint (bridge) [D22] for double dashed line joining	43/02 35°09'47.1"N 129°07'58.8"E 35°09'38.0"N 129°08'04.0"E 35°09'31.0"N 129°08'09.0"E 35°09'21.0"N 129°08'13.0"E 35°09'11.0"N 129°08'08.0"E 35°08'44.0"N 129°07'42.0"E 35°08'15.0"N 129°07'15.0"E 35°08'11.0"N 129°07'00.0"E 35°08'08.5"N 129°06'39.6"E 35°08'01.0"N 129°06'53.2"E  and delete legend "Under...(1995)" in vicinity (36(464)02 Inchon)	Land tint to area bound by shore and solid line joining 35°29'16.4"N 139°45'09.2"E 35°29'15.6"N 139°45'07.6"E 35°29'16.0"N 139°45'07.0"E (36(1240)02 Tokyo)
<b>95164</b>	4Ed. 4/9/94 LAST NM 15/99 Add "Marine farm" area bound by dashed line joining	43/02 35°51'51.0"N 129°32'27.1"E 35°51'49.0"N 129°32'30.2"E 35°51'43.9"N 129°32'25.2"E 35°51'45.9"N 129°32'22.1"E  (36(203)02 Inchon)	34°40'18"N 137°27'48"E 34°39'06"N 137°27'18"E 34°37'30"N 137°26'12"E 34°36'30"N 137°26'06"E 34°35'30"N 137°26'54"E 34°33'48"N 137°28'42"E 34°32'12"N 137°29'42"E 34°26'30"N 137°31'24"E 34°23'54"N 137°33'12"E 34°22'48"N 137°33'36"E 34°18'36"N 137°33'42"E (37(1279)02 Tokyo)
<b>96763</b>	7Ed. 8/22/98 LAST NM 29/02 Add Land tint to area bound by shore and solid line joining	43/02 42°59'49.8"N 144°18'52.0"E 42°59'49.8"N 144°19'08.0"E 43°00'05.6"N 144°19'12.0"E 43°00'05.6"N 144°19'14.2"E  (36(1245)02 Tokyo; Jpn CH W31)	34°43'56.6"N 137°17'43.1"E (37(1294)02 Tokyo)
<b>96945</b>	3Ed. 2/1/97 LAST NM 5/01 Add Submarine cable [L30.1] joining	43/02 42°15'02"N 139°46'59"E 42°15'05"N 139°43'02"E 42°14'32"N 139°42'03"E 42°10'08"N 139°35'53"E 42°03'54"N 139°29'50"E 42°04'17"N 139°28'03"E  (32(1335)98 Tokyo)	34°00'12.0"N 134°37'07.0"E 34°00'12.0"N 134°37'00.0"E 33°59'46.0"N 134°37'07.0"E 33°59'32.0"N 134°36'38.0"E  Change Designation of buoy "4" to "6" 33°59'56.5"N 134°36'59.9"E
<b>97040</b>	5Ed. 6/14/97 LAST NM 51/00 Add Wreck [K29] (37(1278)02 Tokyo)	43/02 40°05'39"N 141°59'03"E  (36(1252)02 Tokyo)	34°00'49.9"N 134°37'14.2"E 34°00'57.4"N 134°37'05.7"E 34°00'35.1"N 134°37'08.1"E 34°00'35.1"N 134°36'59.6"E
<b>97120</b>	6Ed. 8/9/97 LAST NM 42/02 Change Light to Iso R 4s 8M (36(1249)02 Tokyo)	43/02 35°06.6'N 139°49.5'E  (36(1252)02 Tokyo)	34°37'42.0"N 135°21'44.0"E (12(386)02 Tokyo)
<b>97140</b>	17Ed. 6/28/97 LAST NM 39/02 Change Light to Iso R 4s 8M (36(1249)02 Tokyo)	43/02 35°06.6'N 139°49.5'E  (36(1252)02 Tokyo)	34°37'06.2"N 135°20'58.8"E 34°37'47.0"N 135°21'55.0"E  Note: Area extends beyond chart border  Beacon "U" Y, "X" topmark, Fl Y 3s 7M 34°37'12.8"N 135°21'09.3"E Beacon "T" Y, "X" topmark, Fl Y 3s 7M 34°37'20.2"N 135°21'19.5"E Beacon "S" Y, "X" topmark, Fl Y 3s 7M 34°37'27.4"N 135°21'29.0"E Beacon "R" Y, "X" topmark, Fl Y 3s 7M 34°37'34.8"N 135°21'39.0"E Beacon "Q" Y, "X" topmark, Fl Y 3s 7M 34°37'42.0"N 135°21'49.0"E (12(386)02 Tokyo)
<b>97143</b>	11Ed. 9/25/93 LAST NM 31/02 Change Light to Iso R 4s 12m 8M Light to Fl G 3s 12m 4M (36(1249), 1250)02 Tokyo)	43/02 35°06'25"N 139°49'45"E 35°14'36"N 139°44'21"E  (36(1252)02 Tokyo)	34°37'12.8"N 135°21'09.3"E 34°37'20.2"N 135°21'19.5"E 34°37'27.4"N 135°21'29.0"E 34°37'34.8"N 135°21'39.0"E 34°37'42.0"N 135°21'49.0"E
<b>97144</b>	13Ed. 7/4/98 LAST NM 36/02 Change Light to Fl G 3s 12m 4M (36(1250)02 Tokyo)	43/02 35°14'48"N 139°44'09"E  (36(1252)02 Tokyo)	34°37'31.5"N 135°20'58.0"E 34°37'51.0"N 135°21'44.0"E (12(386)02 Tokyo)
<b>97145</b>	1Ed. 2/16/91 LAST NM 22/02 Change Light to Iso R 4s 8M  Add Fish haven symbol [K46.1] (36(1248), 1249)02 Tokyo)	43/02 35°06'38"N 139°49'33"E  34°57'12"N 139°46'09"E  (36(1252)02 Tokyo)	34°37'31.5"N 135°20'58.0"E 34°37'51.0"N 135°21'44.0"E  34°37'34.8"N 135°21'39.0"E 34°37'42.0"N 135°21'49.0"E (12(386)02 Tokyo)
<b>97150</b>	13Ed. 1/3/98 LAST NM 39/02 Delete Depth 10.3 meters	43/02 35°29'14.7"N 139°45'09.0"E  Substitute Solid line for dashed line in vicinity 35°29'16.8"N 139°45'10.0"E  Depth 11.1 meters for 9.3 meters 35°29'14.0"N 139°45'06.5"E  Add Depth 14 meters Depth 6.3 meters 35°29'15.2"N 139°45'08.2"E 35°29'15.3"N 139°45'06.5"E	34°20'48"N 134°15'12"E 34°20'18"N 134°15'27"E  (continued on next page)

**97233** (Continued)  
Position circles "Bns" (2) in vicinity  
34°19'57"N 134°16'04"E

Add Fish haven symbol [K46.1] 34°21'37"N 134°13'28"E  
Beacon R, cone topmark, Mo(A) R 8s 8m 6M  
34°22'02"N 134°12'50"E  
(36(1244)02 Tokyo; Jpn LL)

**97234** 17Ed. 12/26/98 LAST NM 29/02 43/02  
Delete Beacon 34°22'13.0"N 134°13'40.0"E

Range beacons (2) and range line in vicinity  
34°21'00.0"N 134°15'05.0"E  
Range beacons (2) and range line in vicinity  
34°20'28.0"N 134°15'19.0"E  
Range beacons (2) and range line in vicinity  
34°20'09.0"N 134°15'51.0"E

Legend "Measured distance 949.0m" and  
dashed line between 34°21'39.0"N 134°15'50.0"E  
34°21'18.0"N 134°16'17.0"E

Legend "Measured distance 980.6m" and  
dashed line between 34°21'18.0"N 134°16'17.0"E  
34°20'54.0"N 134°16'44.0"E

Legend "Measured distance 3995.2m 134°11'"  
and dashed line between 34°20'54.0"N 134°16'44.0"E  
34°19'24.0"N 134°18'36.0"E  
(See 46/01-97234)

Add Fish haven symbol [K46.1] 34°21'48.0"N 134°13'18.0"E  
Beacon R, cone topmark, Mo(A) R 8s 8m 6M  
34°22'13.0"N 134°12'40.0"E  
(36(1244)02 Tokyo; Jpn LL)

**97246** 7Ed. 3/28/98 LAST NM 49/00 43/02

Delete Depth 5.2 meters 34°31'03.0"N 133°41'46.3"E  
Depth 5.2 meters 34°31'06.0"N 133°41'44.3"E  
Depth 5 meters 34°31'05.0"N 133°41'43.0"E  
Depth 5.3 meters 34°31'06.8"N 133°41'41.0"E  
Depth 5.3 meters 34°31'08.1"N 133°41'44.0"E  
Depth 5.6 meters 34°31'07.1"N 133°41'38.0"E  
Depth 5.9 meters 34°31'09.5"N 133°41'38.0"E  
Depth 5.7 meters 34°31'10.5"N 133°41'40.5"E  
Depth 5.8 meters 34°31'12.0"N 133°41'38.0"E  
Depth 5.8 meters 34°31'09.2"N 133°41'33.0"E  
Depth 5.8 meters 34°31'12.0"N 133°41'35.0"E  
Depth 5.9 meters 34°31'13.2"N 133°41'35.2"E

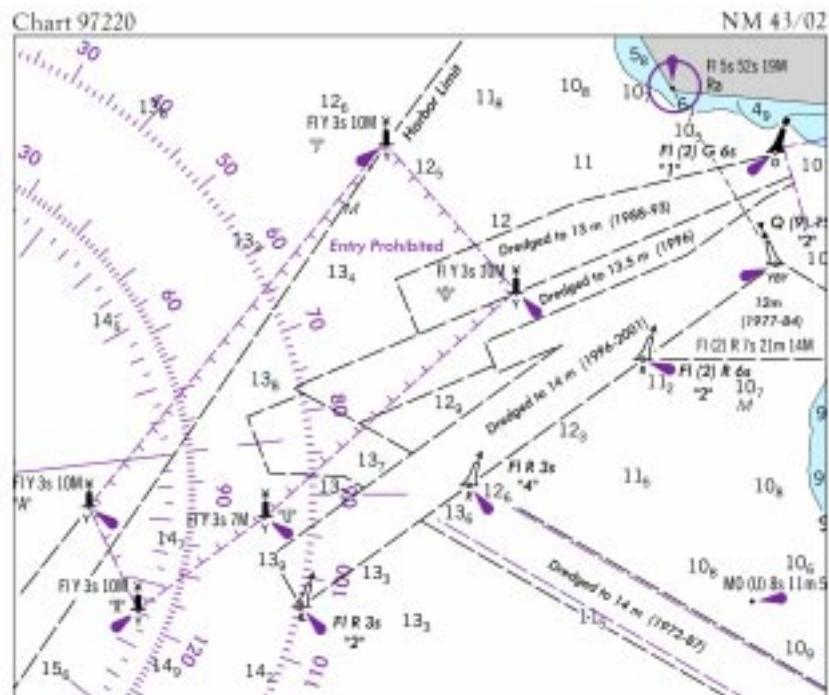
Change Period of buoy to 6s 34°30'54.0"N 133°42'09.0"E

Add Depth 1.6 meters 34°31'01.0"N 133°41'48.0"E  
Depth 2.4 meters 34°31'08.0"N 133°41'41.5"E  
Depth 1.8 meters 34°31'08.0"N 133°41'35.0"E  
Depth 2.3 meters 34°31'09.5"N 133°41'35.0"E  
Depth 2 meters 34°31'11.8"N 133°41'36.2"E

(32(1329)98 Tokyo)

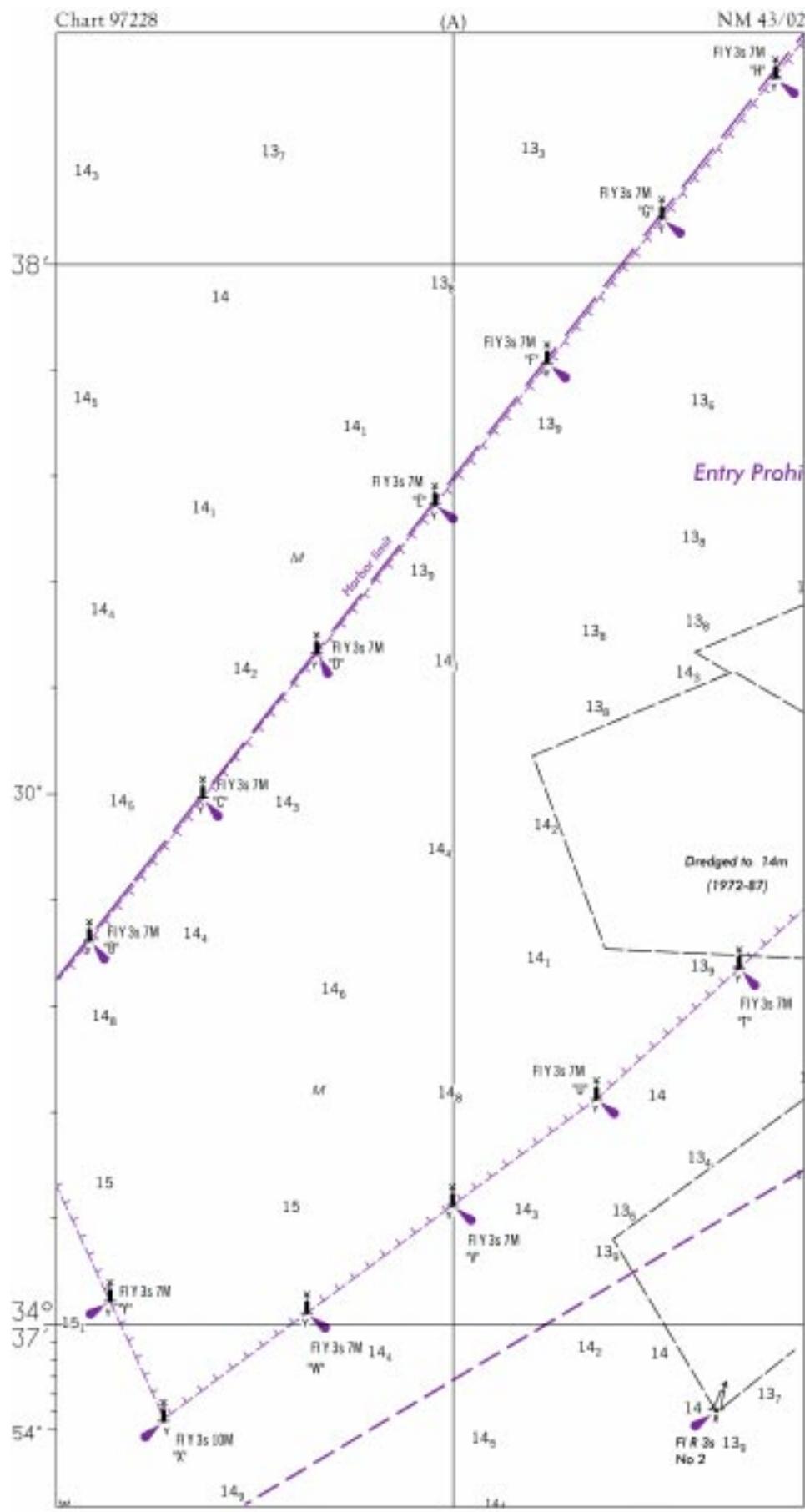
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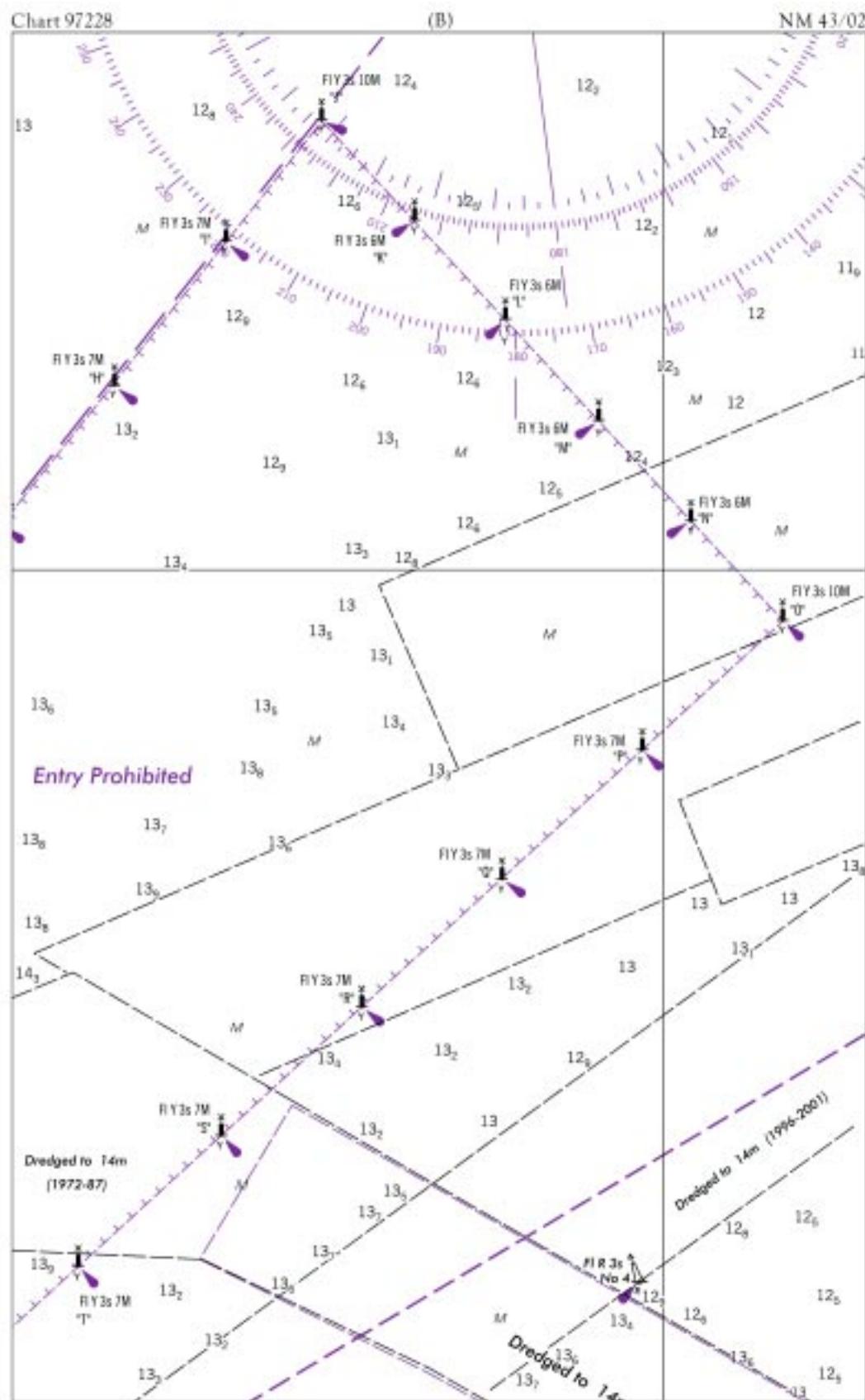
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## SECTION I

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## SECTION I

Chart 11344

NM 43/02

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	30.0	39.0	39.0	26.0	8-02	800 19.1 42
	31.0	44.0	47.0	48.0	6-01	400 1.4 40
	22.0	38.0	40.0	36.0	7-01; 9-01; 10-01	400 6.0 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side A)

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CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	30.0	39.0	39.0	26.0	8-02	800 19.1 42
	31.0	44.0	47.0	48.0	6-01	400 1.4 40
	22.0	38.0	40.0	36.0	7-01; 9-01; 10-01	400 6.0 40
	35.0	40.0	41.0	36.0	1-02	400 6.0 40
	37.0	40.0	40.0	37.0	1-02	400 6.0 40
	34.0	38.0	39.0	33.0	7-01; 1-02	400 5.0 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	35.0	39.0	36.0	35.0	2-02	400 4.4 40
	30.0	39.0	39.0	34.0	2-02	400 2.0 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side B)

NM 43/02

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BAR CHANNEL JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	30.0	39.0	39.0	26.0	8-02	800 19.1 42
	31.0	44.0	47.0	48.0	6-01	400 1.4 40
	22.0	38.0	40.0	36.0	7-01; 9-01; 10-01	400 6.0 40
	35.0	40.0	41.0	36.0	1-02	400 6.0 40
	37.0	40.0	40.0	37.0	1-02	400 6.0 40
	34.0	38.0	39.0	33.0	7-01; 1-02	400 5.0 40
THENCE TO 210 BRIDGE THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	35.0	39.0	36.0	35.0	2-02	400 4.4 40
	30.0	39.0	39.0	34.0	2-02	400 2.0 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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Chart 11353

NM 43/02

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62	29.0 33.0	37.0 37.0	24.0 32.0	600 500	8-02 8-02
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11363

NM 43/02

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	29.0 33.0 24.0 25.0	37.0 37.0 31.0 28.0	24.0 32.0 21.0 28.0	600 500 500 500	8-02 8-02 3,4,8-02 4-02
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

Chart 11364

NM 43/02

MISSISSIPPI RIVER - GULF OUTLET CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)	DATE OF SURVEY
LT. BUOY 1 (29°25'27"N, 88°59'31"W) TO LT. BUOY 20 THENCE TO END OF JETTY OPPOSITE LIGHT 62 THENCE TO INTERSECTION WITH G. I. W. W. THENCE TO INNER HARBOR NAVIGATION CANAL	29.0 33.0 24.0 25.0	37.0 37.0 31.0 28.0	24.0 32.0 21.0 28.0	600 500 500 500	8-02 8-02 3,4,8-02 4-02
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE					

**SECTION I**

NM 43/02

Chart 11369

NM 43/02

MISSISSIPPI RIVER - GULF OUTLET CHANNEL				
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO AUG 2002				
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	WIDTH (FEET)
LT. BUOY 1 (29°25'27"N, 88°59'31"W)	29.0	37.0	24.0	600
TO LT. BUOY 20				8-02
THENCE TO END OF JETTY				
OPPOSITE LIGHT 62	33.0	37.0	32.0	500
THENCE TO INTERSECTION WITH G. I. W. W.	24.0	31.0	21.0	500
THENCE TO INNER HARBOR NAVIGATION CANAL	25.0	28.0	28.0	500
				3,4,8-02
				4-02
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE				

Chart 11503

NM 43/02

FERNANDINA HARBOR			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF AUG 2002 AND SURVEYS TO JULY 2002			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
QUARANTINE REACH	35.2	400-1100	7-02
OLD TOWN REACH	32.8	400-560	7-02
SEABOARD REACH	34.9	400	7-02
CITY FRONT REACH	20.5	300	7-02
RAYONIER REACH	8.2	300	7-02
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			

Chart 12313

NM 43/02

SCHUYLKILL RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT SCHUYLKILL RIVER DATUM					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)
1	31.7	32.0	34.3	3-02	400	0.32 33
2	31.5	31.1	30.9	3-02	400	0.34 33
3	29.3	31.4	30.9	3-02	400	0.18 33
4	30.9	32.8	31.9	3-02	400	0.11 33
5	31.8	32.7	32.2	3-02	300	0.30 33
6	34.7	33.6	33.0	4-02	325	0.21 33
7	32.8	32.3	31.4	4-02	300	0.31 33
8	32.2	32.7	31.7	4-02	300	0.15 33
9	31.6	32.0	32.3	4-02	300	0.31 33
10	34.6	35.9	35.2	4-02	325	0.09 33
11	34.2	35.7	35.8	4-02	350	0.05 33
12	31.9	32.8	35.1	4-02	350	0.05 33
13	29.7	32.9	34.5	4-02	325	0.07 33
14	32.5	33.8	34.1	4-02	300	0.14 33
15	29.9	33.8	33.8	4-02	325	0.08 33
16	28.9	31.3	34.6	4-02	350	0.08 33
17	30.9	32.1	33.2	4-02	325	0.06 33
18	28.3	29.1	32.5	4-02	300	0.45 33
19	22.8	30.8	33.1	4-02	200	0.08 33-26
20	27.6	34.0	26.9	4-02	250	0.05 26
21	29.8	22.4	24.6	4-02	250	0.04 26
22	26.6	22.4	18.1	4-02	250	0.06 26
23	24.2	16.8	14.1	4-02	200	0.21 26
24	29.8	23.0	14.7	4-02	250	0.06 26
25	29.3	19.8	12.8	4-02	250	0.09 26
26	28.2	17.1	11.7	4-02	250	0.09 26
27	24.8	19.0	12.1	4-02	225	0.12 26
28	19.3	15.1	12.6	4-02	200	0.10 26
29	14.0	14.4	13.6	4-02	200	0.23 26-22
30	14.1	15.3	16.8	4-02	200	0.30 22
31	23.8	18.3	16.3	4-02	200	0.10 22
32	20.7	17.8	14.3	4-02	200	0.26 22
33	24.5	12.5	10.7	4-02	200	0.10 22
34	20.4	18.1	13.7	4-02	250	0.07 22
35	23.9	17.1	12.8	4-02	250	0.08 22
36	23.1	16.4	13.4	4-02	250	0.08 22
37	20.8	22.5	19.6	4-02	250	0.06 22
38	14.5	14.7	16.4	4-02	225	0.13 22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12327

NM 43/02

ARTHUR KILL, KILL VAN KULL, NEWARK BAY, PASSAIC AND HACKENSACK RIVERS CHANNEL DEPTHS			
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- REPORT OF JUL 2002 AND SURVEYS TO APR 2002			
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			
NAME OF CHANNEL	DEPTH MLLW (FEET)	WIDTH (FEET)	DATE OF SURVEY
ARTHUR KILL (OUTERBRIDGE REACH TO N. OF SHOOTERS I. REACH) KILL VAN KULL (CONSTABLE HOOK REACH TO BERGEN PT. WEST REACH) S. OF SHOOTERS I. REACH NEWARK BAY (NEWARK BAY S. REACH TO DROYERS PT. REACH TO ARLINGTON REACH) PASSAIC RIVER (KEARNY PT. REACH TO ARLINGTON REACH) HACKENSACK RIVER (DROYERS PT. REACH TO TURNING BASIN)	A22.1 36.3 B5.0 C18.7 D0.7 14.9	800-500 2000-800 400 1750-300 300-200 300-800	9-01; 3-02 10-01; 4-02 8-90 12-01 2-00; 11-01 12-01
A. A DEPTH OF 34.1 FEET WAS AVAILABLE IN THE MIDDLE HALF. B. OBSTACLES INTERSPERSED IN THE TWO RIGHT QUARTERS. THERE IS A MINIMUM DEPTH OF 5.9 FEET OVER WRECKAGE. C. A DEPTH OF 21.9 FEET WAS AVAILABLE IN THE MIDDLE HALF, EXCEPT FOR SHOALING TO 8.4 FT AT 40° 42' 11.4"N 74° 06' 56.1"W. D. A DEPTH OF 4.2 FEET WAS AVAILABLE IN THE MIDDLE HALF.			
NOTE 1. SEE LARGE SCALE CHARTS FOR MORE DETAIL OF REACHES. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGING CONDITIONS SUBSEQUENT TO THE ABOVE			

## SECTION I

NM 43/02

Chart 12331

NM 43/02

RARITAN BAY, ARTHUR KILL AND RARITAN RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO MAR 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
RARITAN BAY WEST REACH	33.4	39.1	39.2	33.9	4-9-01	600 2.4 35
SEGUINE POINT BEND	28.5	35.1	38.4	29.7	9-01	600-800 1.2 35
RED BANK REACH	34.0	40.3	40.5	34.2	9-01	600 1.2 35
WARD POINT BEND (EAST)	31.5	36.7	36.9	27.6	9,12-01	600-800 1.1 35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800 0.8 35
OUTERBRIDGE REACH	34.4	34.7	35.9	35.9	9-01; 3-02	600-800 0.8 35
PORT SOCONY REACH	31.9	35.0	35.6	33.4	3-02	600-800 0.8 35
PORT READING REACH	22.1	35.0	35.2	27.7	3-02	500 1.8 35
FRESH KILLS REACH	29.0	35.2	36.5	33.9	3-02	500 1.8 35
RARITAN RIVER CUTOFF	16.7	19.3	19.3	11.6	3-99	600-1100 1.0 20
WARD POINT SECONDARY CHANNEL	23.6	22.7	22.5	21.9	3-91	400 0.9 30
GREAT BEDS REACH	24.6	25.7	25.3	25.2	6-01	300 0.6 25
SOUTH AMBOY REACH	24.4	23.1	22.8	23.6	6-01	300 1.2 25

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 12332

NM 43/02

RARITAN BAY, ARTHUR KILL AND RARITAN RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO MAR 2002						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
WARD POINT BEND (EAST)	31.5	38.7	36.9	27.6	9,12-01	600-800 1.1 35
WARD POINT BEND (WEST)	35.0	35.0	35.0	33.8	9,12-01	600-800 1.3 35
OUTERBRIDGE REACH	34.4	34.7	35.9	35.9	9-01; 3-02	600 1.6 35
RARITAN RIVER CUTOFF	16.7	19.3	19.3	11.6	3-99	600-1100 1.0 20
WARD POINT SECONDARY CHANNEL	23.6	22.7	22.5	21.9	3-91	400 0.9 30
GREAT BEDS REACH	24.6	25.7	25.3	25.2	6-01	300 0.6 25
SOUTH AMBOY REACH	24.4	23.1	22.8	23.6	6-01	300 1.2 25
SANDY POINT REACH	22.2	22.0	18.6	23.8	6-01	300 0.9 25
KEASBEY REACH	16.3	19.8	23.2	20.7	6-01	300 0.9 25
RED ROOT REACH	13.5	16.7	17.6	14.6	6-01	300 1.5 25
CRAB ISLAND REACH	15.0	14.5	14.5	12.5	9-98	200 1.2 15
NORTHWEST REACH	A6.0	A7.5	A7.5	12.2	7-62	200 1.2 15
TITANIUM REACH	4.1	4.0	1.9	1.6	6-01	300 0.6 25
SOUTH CHANNEL	C2.0	D4.2	B4.2	B2.1	7-62;3-4-90	150 0.7 15-10

A. SHOALS LOCATED OPPOSITE RARITAN RIVER LIGHT 30 TO 400 YARDS SOUTH; A DEPTH OF 13 FEET FOR A WIDTH OF 200 FEET WAS AVAILABLE TO THE WEST OF THE PROJECT CHANNEL.  
B. POSSIBLE 6 FT OBSTRUCTION LOCATED IN 40°29'34.4"N, 74°19'03.0"W.  
C. POSSIBLE 6 FT OBSTRUCTION LOCATED IN 40°29'35.4"N, 74°19'04.5"W.  
D. POSSIBLE 4 FT OBSTRUCTION LOCATED IN 40°29'37.4"N, 74°19'04.0"W.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

## SECTION I

NM 43/02

Chart 12333

NM 43/02

ARTHUR KILL, KILL VAN KULL, NEWARK BAY AND UPPER BAY CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUL 2002 AND SURVEYS TO APR 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FRESH KILLS REACH	29.0	35.2	36.5	33.9	3-02	500	1.8	35
TREMLEY POINT REACH	31.8	37.0	36.2	30.9	3-02	600	0.9	35
PRALLS ISLAND REACH	29.2	34.9	35.6	32.4	3-02	500	1.2	35
GULFPORT REACH	26.3	37.3	37.1	31.9	9-01; 3-02	500-600	1.1	35
ELIZABETHPORT REACH	30.9	35.7	35.6	31.4	9-01	500-600	1.1	35
N OF SHOOTERS ISLAND REACH	30.0	34.1	35.6	32.5	9-01	600	1.0	35
S OF SHOOTERS ISLAND REACH	18.6	24.1	14.0	A 5.0	8-90	400	1.0	30
BERGEN PT. WEST REACH	36.8	40.5	41.4	41.6	9-01; 4-02	800	1.1	35
BERGEN PT. EAST REACH	37.4	40.0	40.0	39.5	12-96; 2-97	800	1.0	35
CONSTABLE HOOK REACH	38.5	41.6	41.0	36.3	2-97; 10-01	2000-800	2.2	35
NEWARK BAY SOUTH REACH	40.8	40.8	40.0	32.5	5-99; 12-01	1750-1000	1.4	40
NEWARK BAY MIDDLE REACH	35.0	39.4	36.0	31.4	12-01	1750-500	1.4	40
ELIZABETH CHANNEL	36.4	38.6	39.9	37.3	3-99; 1,2-01	1350-500	1.4	40
PORT NEWARK CHANNEL:								
PORT NEWARK (BRANCH CHANNEL)	32.3	35.5	33.5	32.4	2,12-01	1050-400	0.4	40
PIERHEAD CHANNEL	33.8	35.6	35.0	33.4	1.2-01	300	0.7	40
A. OBSTRUCTIONS INTERSPERSED IN THE TWO RIGHT QUARTERS. THERE IS A MINIMUM DEPTH OF 5.9 FT OVER WRECKAGE.								
* CONTROLLING DEPTHS IN CHANNELS OF RARITAN BAY-EAST REACH TO AND INCLUDING FRESH KILLS REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM LOWER NEW YORK BAY. CONTROLLING DEPTHS FROM CONSTABLE HOOK TO AND INCLUDING TREMLEY POINT REACH ARE REFERENCED FROM SEAWARD WHEN ENTERING FROM UPPER NEW YORK BAY.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 43/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
11	2	38/01	11309	36	13*,14,21,26,28,36/02	11364	38	39*,44,51/01;5,8,10,11, 13,16,17,22,25,30,33,35,	11472	30	39/01;16,26,27,28,29, 30/02
50	5	5,8,17/02	11310	1	N43,N44/01;N4,N7,N8, N21/02	11365	16	37,38,39,43/02	11474	10	43/01;16/02
51	1	7/02	11311	23	15*,21/02	11366	6	1*,14,40,42/02	11475	16	40,50/01;16,27/02
52	1	14,18/02	11312	3	2*,4,7,8,21,26,28,36/02	11367	11	40,41,42,43,47,49/01;5,6, 7,10,11,12,13,14,16,18, 22,24,25,26,28,33,39,40, 43/02	11476	19	16/02
53	2	5,17/02	11313	22	45/01;4,31/02	11368	22	38/02*	11477	6	N43,N46/01;N2,N16/02
71	4	43/01	11314	21	43/01;4,8,14/02	11369	43	44,51/01;5,8,12,16,17,25, 30,33,35,38,39,43/02	11478	19	43/01;2,4,15,16,31/02
103	5	44/01	11315	30	37/02*	11370	23	2*,5,6,17,31,33,40/02	11479	4	N43,N50/01;N5,N8,N12, N15,N24,N27,N28,N29, N35/02
108	9	38,42/01;12,13,32,35/02	11316	38	41*,45/01;4,11,13,14,16, 21,25,36,37,40/02	11371	31	52/01;5,12,16,17,25, 33/02	11480	37	49/01;6,32,35/02
120	6	38,44/01	11317	29	20*,21,25,37,40/02	11372	29	40,44,47/01;6,7,9,12,17, 23,27,30/02	11481	4	42/02*
121	5	38/01	11318	1	N46/01;N6,N7,N12,N21, N29/02	11373	42	31*,33,37,40,41,42/02	11484	21	15,16/02
125	7	44/01	11319	30	45/01;11,13,25,40/02	11374	30	40,41,45,48/01;4,6,7,8,9, 10,17,23,25,27,28,29,31, 37,41,42/02	11485	32	48/01*,15,34/02
126	39	44/01	11320	1	N46/01;N8,N9,N28/02	11375	34	41,42,44/01;4,6,7,8,9,10, 17,23,25,28,31,37,41/02	11487	19	9/02*
145	16	38/01	11321	29	12*,22,28,39,40,41/02	11376	48	9*,13,15,16,21,22,23,25, 27,29,31,40,43/02	11489	33	46*,49/01;11,24/02
211	5	47,48/01	11322	27	46*,48/01;21,22,24,36, 37/02	11377	4	26*,40/02	11490	17	46/01;2/02
302	1	41,42/01	11323	59	26*,28,33,37,39/02	11378	31	10*,16,18,22,23,25,27, 30,32,40/02	11491	33	46/01;2,18,22,28,29,30, 34,37,38/02
310	20	38,42/01	11324	32	22*,24,25,31,33,37/02	11379	42	31*,33,37,40,41,42/02	11492	19	9/02*
400	3	38/01;23,26,31,32,33, 35/02	11325	34	19*,21,24,35,37/02	11380	49	40,41,45,48/01;4,6,7,8,9, 10,17,23,25,27,28,29,31, 37,41,42/02	11493	9	N44/01;N11,N24,N39/02
401	5	42/01;22,23,26,31,33, 35/02	11326	30	41,43,44,46/01;4,5,6,7,8, 9,10,11,15,16,21,22,24, 25,31,33,36,37/02	11381	34	41,42,44/01;4,6,7,8,9,10, 17,23,25,28,31,37,41/02	11494	8	N44/01;N11,N12,N24, N39/02
411	48	41,42/01;1,11,13,16,22, 23,26,31,32,33,35,40, 42/02	11327	30	41,46/01;5,7,10,11,16,21, 22,24,28,37/02	11382	38	18*,32,40/02	11495	16	19/02*
500	7	43/01;5/02	11328	22	46/01;6,7,9,10,21,36,37, 39/02	11383	49	19*,22,27,30,32/02	11496	9	N44,N49/01;N6,N32, N35/02
501	11	6,8,10,34,38/02	11329	34	12*,21,24,36,37,39/02	11384	32	42/01;1,3,10,18,22,30, 32/02	11498	16	19/02*
508	2	42/01;15,24/02	11330	13	38,40,41,42,43,44,45,47, 48,49/01;4,6,7,8,9,10,11, 12,15,16,17,19,22,23,24, 25,26,28,29,30,31,33,34, 36,37,39,40,41,42,43/02	11385	25	23/02*	11502	28	44,49/01;11/02
509	4	14/02	11331	18	44/01*;11,17,23/02	11386	16	49/01;7,10,17/02	11503	39	38*,39,43/02
513	6	40,45,48/01;5,17,38/02	11332	28	42*,43/02	11387	32	2*,7,8,11,18,23,28,33, 37/02	11505	1	41,50/01;4,11,16,18,26, 28,31,34,40/02
514	6	40/01	11333	1	N46/01;N28/02	11388	22	23*,27,33,34,37/02	11511	16	12/02*
520	127	5,8,20,38/02	11334	66	38,42,44,45,46,47,48, 49/01;4,5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,39, 40,42,43/02	11389	32	2*,7,8,11,18,23,28,33, 37/02	11512	58	10,15,16,18,20,26,28,31, 34,40/02
521	11	5,17/02	11341	38	44,45,48/01;6,7,9,10,11, 12,16,18,21,22,23,24,28, 30,31,34,36,37,39,43/02	11390	22	23*,27,33,34,37/02	11513	23	38,49/01;4,18,32/02
522	87	14,18/02	11342	51	40/01;7,11,14,17,21,23, 24,30,37,43/02	11391	22	45/01;1,6,8,18,23,33, 34/02	11514	26	37*,40/02
523	8	5,17/02	11343	36	47/01*;7,17,21,23,37, 40/02	11392	6	2,10,34/02	11515	17	10/02*
524	12	14,18/02	11344	34	45*,47,51/01;5,7,10,12, 13,16,17,19,24,28,30,38, 40,43/02	11393	20	5*,7,8,11,18,23,30, 31/02	11516	29	7*,18,24,37/02
525	3	14,18/02	11345	30	10,12,16,40/02	11394	29	45/01*;8,23/02	11517	17	46*,49/01;32/02
526	10	39/01;7,9,12,18/02	11346	19	46*,48/01;23/02	11395	14	31/02*	11518	32	39/01;6,15,16,32,35, 43/02
530	30	22*,26,37,38,40/02	11347	43	43/02	11396	21	15,23/02	11520	40	31*,39,40/02
531	21	18/02*	11348	40	38*,42/02	11397	25	15/02*	11521	26	15*,17,32,35/02
532	17	40,44/01;5,17,38/02	11349	40	38*,42/02	11398	27	38/01	11522	19	45/01*
540	16	42/01	11350	24	15/02*	11399	14	43/02*	11523	21	15*,17,32,35/02
550	7	42/01;18,24/02	11351	37	40,45/01;5,6,8,9,10,11, 12,15,16,19,22,27,28,30, 33,36,37,38,40/02	11400	29	41/02*	11524	45	13*,16,21,32,35,43/02
601	4	14/02	11352	35	2*,5,6,7,8,12,14,16,17, 22,24,26,27,37,38,39, 40/02	11401	18	42/02*	11525	6	N38,N43,N45,N48/01; N2,N12,N14,N17,N19, N23,N39,N40/02
602	6	12/02	11353	2	21*,24,25,26,35,38,43/02	11402	15	42/02*	11527	16	47/01;12,37/02
604	5	39/01;12,18/02	11354	23	47/01*;5,6,8,12,15,16,19, 22,27,28,33,37,38,40/02	11403	17	21,24,36,42/02	11531	21	31/02*
605	4	39/01;9,12/02	11355	24	37*,40/02	11404	21	15,23/02	11532	20	15*,37/02
606	1	39/01;9/02	11356	34	42*,45/01;9,11,12,13,28, 29,39,40/02	11405	28	31/02*	11534	31	2*,9,13,14,32/02
607	1	39,42/01;7/02	11357	35	36*,37,40,42/02	11406	32	12/02	11535	12	12*,25/02
621	5	39,42/01;7,22/02	11358	51	23*,24,26,27,31,39,42/02	11407	18	15/02*	11536	15	19*,40/02
622	9	39/01;9,12,14,20/02	11359	11	22*,26,39/02	11408	27	15/02*	11537	33	7*,8,9,13,17,20,23,31,32, 33,39,40/02
623	9	14/02	11360	39	41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,34,35,36,37,39, 40,42,43/02	11409	24	45/01*:16/02	11539	18	48/01;2,9,39/02
624	3	22/02	11361	24	21*,27,31,34,36/02	11410	31	10/01	11541	32	48/01;1,2,8,13,18,20,21, 30,39/02
632	8	15,24/02	11362	4	N38,N39,N41,N42, N47/01;N5,N6,N7,N8, N10,N12,N13,N14,N16, N17,N18,N22,N23,N24, N28,N29,N31,N33,N36, N39,N40/02	11411	39	39,42,45,46/01;13,36/02	11542	15	39/02
703	4	41/01	11363	38	27*,34,35,38,40/02	11412	33	42,50/01	11543	22	45/01;13,18,29,39/02
705	3	41/01;12/02	11364	69	13*,16,17,19,22,24,25, 26,27,31,34,36/02	11413	21	31/02*	11544	37	36/02*
706	4	41,43,44/01	11365	4	N38,N39,N41,N42, N47/01;N5,N6,N7,N8, N10,N12,N13,N14,N16, N17,N18,N22,N23,N24, N28,N29,N31,N33,N36, N39,N40/02	11414	50	50/01	11545	59	43,45/01;1,8,13,18,20,21, 25,29,30,37/02
800	4	40/01;17/02	11366	35	36*,37,40,42/02	11415	30	42,45/01;13/02	11547	35	22*,25,29,30,37/02
803	1	8,17/02	11367	35	23*,24,26,27,31,39,42/02	11416	26	28/02	11548	37	45/01;2/02
1113A		1,5,20,39,42/02	11368	20	21,24,36,42/02	11417	35	15,22,26,39,43/02	11552	18	45/01
1114A	9*	11,23,39/02	11369	35	45,50/01;4,5,8,12,15,24, 26,27,28,29,30,35/02	11418	21	31/02*	11554	16	47/01*
1115A	41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,36,39,40,43/02	11370	35	45,50/01;4,5,6,7,10,12,13, 14,16,17,18,22,23,24,28,30, 31,33,34,35,36,37,39,40,43/02	11419	35	15*,33,38/02	11555	38	36/02*	
1116A	38,42,44,45,46,47,48, 49/01;4,5,6,7,8,9,10,11, 12,13,14,15,16,17,19,22, 23,24,25,26,27,28,29,30, 31,32,33,34,35,36,37,39, 40,42,43/02	11371	24	22*,27,28,33,37,38,40/02	11420	36	42,45/01;13/02	11556	38	36/02*	
1117A	28*,30,31,37,39,40,41, 42/02	11372	34	42*,45/01;9,11,12,13,28, 29,31,33,36,39,40,43/02	11421	5	42/01;5,28/02	11557	33	7*,8,9,13,17,20,23,31,32, 33,39,40,42/02	
11004	7	38,41,42,43,49/01;4,7,8, 9,10,11,12,13,15,16,18, 22,26,28,31,37,39,40,42, 43/02	11373	35	36*,37,40,42/02	11422	24	22*,28/02	11558	34	13,20/02
11006	30	28*,36,39,40/02	11374	51	23*,24,26,27,31,39,42/02	11423	16	28/02	11559	27	37*,43/02
11009	36	2*,5,12,19,23,24,32, 35/02	11375	11	22*,26,39/02	11424	35	15,22,26,39,43/02	11560	29	31*,33,38/02
11013	44	18*,20,35/02	11376	39	41,47/01;5,6,7,10,12,13, 14,16,17,18,22,23,24,28, 29,31,33,34,35,36,37,39, 40,42/02	11425	33	42/01;21,22,24,42/02	11561	20	31*,37/02
11300	38	26*,28,30,31,37,39,40, 41,42/02									

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 43/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12216	26	11,23/02	12363	39	41/01;2,3,14,18,28/02	13302	21	3*,8,9,20,25,41/02	14766	30	41/01**
12221	72	47/01*:1,2,5,7,11,23,31, 33,34,43/02	12364	33	20*,22,28/02	13303	11	41,42/01;1,8,9,20,25, 41/02	14767	19	41/01**
12222	42	13*,27,30,33,34,38,43/02	12365	26	41/01;2,18/02	13305	28	1,8,25,40,41/02	14769	N31/02*	
12224	22	34,39,43/02	12366	27	3,14/02	13307	10	52/01*	14772	17	1*,15/02
12225	53	28*,30,31/02	12367	23	18/02	13308	11	14,40/02	14773	16	15,19/02
12226	16	2*,22,30/02	12368	26	42/02*	13309	28	42/02*	14775	N31/02*	
12228	29	43/02*	12369	25	31/02*	13310	20	40/01;5,21,36/02	14776	N31/02*	
12230	58	40/01;5,10,14,21,23,31, 35/02	12370	18	39/02*	13312	20	40/01;21,25,41/02	14777	N31/02*	
12231	26	9*,14,31,35/02	12371	22	40/01;28/02	13313	19	40/01;25,41/02	14782	24	21,22/02
12233	34	40/01	12372	30	38,41,42/01;2,8,9,12,21, 22,23,32/02	13315	11	19/02*	14785	16	22/02
12235	29	12*,30,31/02	12373	14	50/01*	13318	18	38*,41/02	14786	13	5*,24/02
12237	26	14,27/02	12375	21	22/02	13321	8	40/01	14800	9	40/01;19,23/02
12238	36	1,14,16,31,34/02	12377	14	22,25,37/02	13322	9	19/02*	14802	30	40,47/01
12241	21	9*,14,16,34/02	12401	7	31/02*	13324	13	5,41/02	14804	24	20/02*
12243	13	5/02	12402	8	31*,33/02	13325	14	5/02	14805	23	40/01
12245	60	12*,14,15,27,30,33,38/02	13000	N38,N41,N42,N52/01; N8,N11,N12,N13,N21, N25/02	13326	12	41,43/02	14806	23	40/01	
12248	39	18*,30,33,40/02	13003	45	41,42,43,44,47,52/01;2,8, 11,12,13,19,21,23,25,36, 37,42/02	13394	3	39/02*	14810	4	40/01;19/02
12251	23	10,35/02	13006	30	39/02*	13321	8	40/01	14811	16	47/01
12252	23	45/01;5,33,34/02	13009	30	42/02*	13322	9	19/02*	14812	3	19/02
12253	42	9*,33,38,42/02	13200	33	13*,25,37/02	13324	13	5,41/02	14813	20	24/02
12254	43	38*,43/02	13201	10	N38,N42,N43,N44,N47, N52/01:N13,N25,N37/02	14002	57	41/01;21/02	14815	22	47/01
12255	15	13/02*	13203	12	52/01;37/02	14003	6	41,42/01;11,12,13,16, 25/02	14816	23	40/01
12256	13	19*,33/02	13204	12	13/02	14008	76	41/01;21/02	14820	18	31*,35,38,39/02
12261	28	37/02*	13205	36	38,41,44,51/01;9,12,37, 42/02	14009	3	45/01	14822	30	40/01
12266	27	30/02	13209	23	41,44/01;14,37/02	14008	30	41*,47/01;33/02	14824	25	24/02
12268	10	22/02*	13211	13	9,21,23/02	14009	6	39,41/01	14826	26	46/01;21/02
12270	31	50/01*:3,5,8,14,21,27, 36/02	13212	34	38/01;9,12,21,23/02	14014	82	45/01	14829	5	46/01;21/02
12272	29	26*,27,36/02	13213	39	38,42/01;8/02	14018	6	16/02	14830	29	41/01;18,23,39/02
12273	53	26*,31,36/02	13214	27	34/02*	14024	5	33,36,39/02	14832	33	41/01;7,20,24,26/02
12274	33	37/02*	13215	17	44,51/01;9,14/02	14040	65	40/02	14833	25	7,20,26/02
12277	31	26/02*	13216	1	N12/02	14061	27	41/01	14835	31	43/01;39/02
12278	72	26*,36/02	13217	14	46/01;14/02	14081	21	41/01	14836	27	42/02*
12280	3	37*,43/02	13218	38	39,42/01;11,29,42/02	14083	30	41*,47/01;33/02	14837	27	26/02*
12281	49	50/01;15/02	13219	12	49/01*:14/02	14086	4	39/01	14838	2	35,37,38/02
12282	33	31/02*	13221	53	41/01*:2,4,15,29/02	14087	58	39/01;33/02	14839	35	44/01;7,21,24,37/02
12283	24	3,5/02	13222	36	2*,15/02	14088	10	41/02*	14842	12	41/01*:4,18,23,39/02
12285	34	40/01;27,39,43/02	13223	36	2*,15/02	14089	29	41/02*	14843	22	23,39/02
12286	28	40/01;2,0/2	13224	36	7/02*	14090	2	39/01;33/02	14844	31	4,18/02
12287	17	2/02	13226	5	42/01;2,4,5/02	14091	6	41/02*	14845	26	4,18/02
12288	19	40/01;2,27/02	13227	13	42/01;2,4,5/02	14105	19	41/01	14846	11	42/01;18,23,24,39,40/02
12289	47	40/01;39/02	13229	27	43/01*:11,17,39,42/02	14115	2	41/01	14847	30	24,40/02
12300	42	43,44,50,52/01;17,18,19, 28,29,37,39,42/02	13230	45	39/01;11,17,39,42/02	14144	29	21/02	14848	56	9*,23,24,31/02
12301	21	N20*,N28,N29,N37, N39,N42/02	13232	4	11,39,42/02	14151	2	37/02	14850	51	21*,23/02
12304	42	28*,42/02	13233	16	39,42,49/01;17/02	14168	N39/01		14852	44	9*,20,23,25,26,37/02
12311	41	46/01*:2,4,15,18,28,31, 42/02	13235	5	17/02	14180	38	38,40,41/01;21/02	14853	13	21*,23,24,25,26,31,37/02
12312	51	45/01*:4,5,8,9,18,21,27, 31,33,42,43/02	13237	38	42,49,51/01;2,4,17,42/02	14181	3	40/01	14854	13	44/01;24/02
12313	48	46/01*:5,9,14,18,21,27, 31,33,43/02	13238	14	42,49/01	14184	N38,N40/01		14860	35	8*,21,24/02
12314	29	2,5,6,10,42/02	13241	15	21*,34,42/02	14185	2	3/02	14862	28	26/02*
12316	28	44/01*:11,26,27,37,39, 42/02	13244	39	22/02*	14189	2	38/01	14863	30	5*,10,24/02
12317	31	15*,26,37/02	13246	36	41,45/01;11,26,27/02	14190	2	39/01	14864	26	45*,46/01;24,37/02
12318	40	43/01;19,39/02	13248	8	50/01*	14200	2	39/01	14865	16	43/01
12323	23	43,48,50/01;19,40/02	13250	8	50/01*	14203	12	19/02	14867	25	6,32/02
12324	29	48,50/01;1,18/02	13253	17	41/01;20,26/02	14204	21	19/02	14869	26	9/02*
12326	48	1,12,17,18,27,28/02	13260	38	28*,36,43/02	14206	20	19/02	14871	2	21/02
12327	95	19*,20,21,22,28,30,33, 35,37,38,43/02	13263	7	N38,N41,N42,N43,N44, N45,N47,N48,N52/01; N2,N8,N11,N20,N21, N25,N27,N36,N43/02	14208	28	40/02	14872	3	21/02
12331	29	40,41,43/01;4,15,22, 43/02	13264	103	5,21,36/02	14221	26	40/02	14873	2	35/02
12332	21	40,43/01;15,22,43/02	13267	30	6*,12,17,19,27/02	14225	17	38/02	14880	30	33/02
12333	31	40,41,43/01;2,3,4,9,15, 20,21,22,28,30,33,35,38, 43/02	13270	59	44,49/01;2,3,5,9,17,19, 33,34,40,43/02	14226	32	40/02	14881	31	28*,33/02
12334	64	40,43/01;3,22,27,30, 33/02	13272	47	41/01;3,11,19,28,40/02	14264	4	39/01	14883	42	6,17,23/02
12335	39	6/02*	13274	24	47,49/01;3,5,17,19,27/02	14280	37	35/02	14885	20	41/01*
12337	22	8,15,20,28,31/02	13275	27	41,44,47,49/01;2,5,17,19, 27/02	14282	6	39/01	14886	10	8/02
12339	43	5/02	13276	21	19,27/02	14344	2	37,40/02	14891	13	17,24,31/02
12341	25	22/02*	13281	17	41/01	14345	5	37,40/02	14901	28	24,25,31/02
12343	18	37/02*	13283	18	49/01;11/02	14349	7	16/02	14902	17	41/01;13/02
12345	10	42/02*	13285	10	49/01;11/02	14358	N17,N36/02		14903	22	41/01;8,23,32/02
12347	29	43/01;25/02	13286	29	39*,40/02	14360	36	16,26,33,36/02	14904	25	41/01;5,17,31,32/02
12348	33	25/02	13287	11	48/01	14386	3	36/02	14905	29	43,47/01;31,35,37/02
12350	57	39/02*	13288	40	41,44/01;2,9,11,15*,20, 23,29,36,43/02	14415	4	33/02	14907	25	2*,13,17/02
12352	22	8,15,12,34/02	13290	34	44,45/01;2,10,20,36,40,	14756	N41/01*		14908	17	41/01;13/02
12353	43	9*,12,14,22,28,33,37/02	13292	36	20*,36,40/02	14757	N41/01*		14910	22	25,31/02
12354	18	41/01;14,37/02	13293	33	26*,29,43/02	14758	N41/01*		14911	20	41/01*
12358	18	41/01;14,37/02	13295	10	42/01	14759	N41/01*		14912	16	43,46/01
12359	43	5/02	13296	25	43/02	14761	29	41/01**	14916	9	42/01
12360	22	22/02*	13297	11	48/01	14762	28	41/01**	14917	23	17/02
12361	57	39/02*	13298	10	43/02	14763	30	41/01**	14918	26	42/01;25/02
12362	29	9*,12,14,22,28,33,37/02	13299	20	41/01;19,25,33/02	14764	28	41/01**	14919	27	50/01;10,24/02
12363	18	41/01;14,37/02	13301	20	41/01;19,25,33/02	14765	30	41/01**	14922	19	26/02*
12364	64	40,43/01;3,22,27,30,							14924	27	28*,32/02
12365	39	6/02*							14926	9	43,47/01;18,31,32,35, 37/02
12366	22	8,15,20,28,31/02</									

## SECTION I

NM 43/02

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 43/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14935	21	43/01/17/02	16700	27	21/02*	18007	31	42,46,47/01;6,10,14,20, 26,33,34,37,38,39,40/02	18525	33	39,45/01;4,7,11,14,15,28, 31,33/02
14937	23	42/01/13,17/02	16701	18	21/02*	18008	7	N42,N46,N47/01;N6, N10,N14,N20,N26,N33, N34,N37,N38,N39, N40/02	18526	55	48/01;4,7,11,15,16,28,31, 33/02
14938	23	43/01	16702	10	8,38/02	18009	2	N34/02	18527	21	42/01;16,31/02
14942	25	35/02	16704	13	52/01*	18010	20	42,46,47,48/01;6,33,34, 37,38,39,40/02	18528	9	44,48/01;31/02
14961	11	39/01	16705	19	5/02*	18020	36	1,6,8,20,34,37/02	18531	20	7*,11,26,31,34/02
14962	19	47/01	16707	10	1*,34,37/02	18022	33	13*,23,34,37/02	18532	20	7/02*
14965	20	43/01	16708	25	52/01*;37/02	18040	42	38,39,40/01;4,6,10,11, 15/02	18541	8	21/02*
14967	22	10/02	16709	22	15/02*	18041	12	5/02	18558	37	19*,39/02
14970	25	6,40/02	16711	2	15/02*	18042	22	4/02	18561	11	42,43,45,52/01;10,33, 39/02
14972	25	41,45/01;21/02	16713	2	13/02*	18043	21	4/02	18580	21	49/01*;10,26,33,38,
14974	24	40/01;32/02	16741	9	47/01	18045	12	47,48/01;43/02	18581	16	38,42,43,45,49,52/01;4, 33,39,42/02
14975	32	43/01;21,24/02	16760	10	43/01	18046	5	44,47,48/01;5/02	18583	38	42,43/01;4,7,31,33,42/02
14984	9	18/02*	16762	9	26/02*	18047	5	47,48/01;4,8/02	18584	47	45*,48/01;7,30,39/02
14999	14	41/01**	17003	4	8,9/02	18048	4	47,48/01	18587	68	46/01*;7,11,14,25,30,33, 39,42/02
15562	N41/02		17005	10	38/01;8,9,11,41/02	18049	8	44,47/01;11/02	18588	36	42,43,48/01;32,33/02
15744	N30/02		17008	12	8,13,43/02	18411		N42/01	18600	14	15*,33,37,38,40/02
15880	N41/02		17300	29	1/02*	18412	10	43,45/01	18601		6/02
15926	N9/02		17302	18	21/02*	18413	15	43/01	18602	11	43,49/01;26,32,33/02
16003	16	18/02*	17303	9	15,37/02	18414	9	43,45/01;8/02	18603	15	37,40/02
16004	11	52/01;9/02	17316	20	28/02*	18415	8	39,45,47/01;5,13,42/02	18620	23	35/02*
16005	9	52/01	17320	15	15/02	18416	6	10/02	18622	52	49/01;26,28/02
16006	33	40,47/01	17323	10	49/01	18420	1	13/02	18623	11	42*,47/01;34/02
16011	35	5,38/02	17324	13	49/01	18421	44	20*,26/02	18626	15	37/02
16012	21	45/01;38/02	17326	13	49/01	18423	32	39,40,43,47/01;4,5,6,7,8, 9,15,17,26,32,39/02	18640	24	13,15,24/02
16013	28	44/01;17,22,29/02	17327	20	49/01;1/02	18427	21	35/02*	18643	16	24/02
16016	19	43/01	17330	7	15/02	18428	9	19/02*	18645	24	41/01;15,19/02
16041	8	13/02*	17331	7	46/01	18429	8	40/01;4/02	18649	62	42*,43,45,52/01;3,8,11, 12,15,19,20,23,33,36,38, 41/02
16042	7	39/02*	17360	32	47/01*	18430	7	28/02*	18650	51	28*,33,38,41/02
16043	7	52/01	17372	10	2/02	18431	5	30/02*	18651	41	12/02
16044	7	52/01	17375	20	45/01	18432	4	40,42/01;5/02	18652	31	2*,8,11,18,19,20,23,26, 27,30,33,38,41/02
16045	7	52/01	17379	1	15*,20/02	18433	4	5,15/02	18653	9	43,45,46/01;3,8,11,15,19, 36,38,41/02
16046	6	52/01	17381	10	13/02*	18434	4	39,43/01;15,26/02	18654	42	28*,38/02
16061	8	19*,27,37/02	17383	1	31/02*	18440	25	38,40,42,47,49,50/01;1,4, 6,7,9,12,15,17,22,33, 39/02	18655	58	10*,19/02
16062	7	52/01	17384	7	50/01	18441	42	30*,32,39/02	18656	52	38,39,41,42/01;1,19,23, 26,27,30/02
16063	7	52/01	17400	16	47/01;14,15,36/02	18443	15	7,8,17,39/02	18657	18	38,42/01;19,26,27,30/02
16064	6	52/01	17403	13	52/01*	18444	29	38,40,42,48,49,50/01;1,4, 6,7,8,12,15,17,22,28,32, 33,39/02	18658	29	23,26,27/02
16065	6	52/01	17409	10	39/02*	18445	15	4,6,8/02	18659	14	39/01;1,26,30/02
16066	6	52/01	17412	2	12/02	18446	26	4,11,27/02	18660	1	39,44/01;30/02
16067	7	52/01	17413	2	42/01;13,14,43/02	18447	32	45*,48,50/01;12,15,17, 33/02	18661	26	39,41,44/01;23,27,30/02
16081	6	52/01	17414	3	41/02	18449	17	38,50/01;15,17/02	18662	20	39/01;30/02
16082	6	52/01	17416	3	13/02	18450	16	38,41/01	18663	4	44/01;23,27/02
16101	6	1/02*	17420	26	47/01*;14,36,37,42, 43/02	18451	17	38,50/01;15,17/02	18666	1	9*,26/02
16206	7	45/01;2/02	17421	1	14/02	18452	16	38,41/01	18680	30	47/01;15/02
16220	5	6/02	17425	6	18/02*	18453	16	17/02	18685	31	47/01;25/02
16322	7	46/01	17426	13	37/02	18454	23	42,48,50/01;28,38/02	18700	21	8,34,36,37/02
16338	3	43/01	17427	7	11,12,14,16/02	18455	2	N17,N22,N39/02	18703	24	13*,36,37/02
16363	12	38/02*	17429	2	N38/02*	18456	19	42/01;12/02	18704	12	37/02
16380	13	48/01;13,17/02	17430	10	50/01	18457	9	12,15/02	18720	31	45,47/01;1,8,23,35/02
16382	10	48/01;13,17/02	17434	11	11/02	18458	14	22,32,39/02	18721	11	8,35/02
16435	5	27/02	17437	8	14,16/02	18459	5	N17,N22,N39/02	18722	3	8/02
16440	13	37/02	17438	12	42/01;10,12,14,16/02	18460	10	15,28,40/02	18723	3	8/02
16441	7	37/02	17443	12	8,10/02	18461	22	9,32/02	18725	26	41,45,47/01;4,8,23,35/02
16442	6	3,37/02	17444	4	10,12/02	18464	34	38,40,42,49/01;1,6,7,17, 22,32,39/02	18740	39	42*,51/01;1,8,16,20,23, 34,37/02
16460	15	45/01	17445	2	42/01;12,16/02	18465	15	4,6,8/02	18741	18	N41,N51/01;N1,N25/02
16471	11	45/01	17460		N12/02	18466	26	4,11,27/02	18744	30	37/02
16475	9	45/01	17473	4	N15/02	18467	17	38/01	18746	34	7*,20,23,34/02
16480	10	38/02	17480	4	8,15,43/02	18468	17	38/01	18747	38	7*,10,16,18,20,23,25,27, 40/02
16521	5	27/02	17485	4	16/02	18471	8	13*,32/02	18751	42	7*,10,16,20,25,27,40/02
16531	7	18/02*	17489	19	8,43/02	18473	6	40,49/01;4,6,8,12,22/02	18754	16	44/01;36/02
16566	10	17/02	17491	3	8/02	18474	6	41,42,48,50/01;15,17, 33/02	18755	10	1/02
16568	12	39/02*	17495	2	8,43/02	18476	4	38,40,42,49/01;1,6,7,12, 17,22,32,39/02	18758	6	35/02*
16575	1	39/02	17503	4	11,43/02	18477	5	46/01*;4,12/02	18760	6	N41,N43,N51/01;N1,N8, N16,N23,N34,N35/02
16576	3	42/02	17506	4	N8/02	18478	10	52/01;28,40/02	18761	2	N41,N1;N20/02
16580	11	42/01*;39/02	17513		N42,N46,N47/01;N8,N11, N42,N43/02	18479	14	52/01;15,28,40/02	18762	15	41/01;20/02
16590	10	38/02*	17515	7	42,46,47/01;8,11,12/02	18480	28	28*,40/02	18763	9	41/01;20/02
16596	12	39/02*	17517	8	42,44,46,47,48/01;4/02	18481	10	52/01;28,40/02	18765	15	18*,25/02
16598	9	43/02	17518	7	38,42,43,44,45,47,48/01;	18482	28	28*,40/02	18766	7	41,51/01;25/02
16599	6	47/01;16,43/02		6/02		18483	14	52/01;15,28,40/02	18768	4	N41,N51/01;N25/02
16603	7	42/02	17541	3	8,43/02	18484	10	52/01;28,40/02	18769	2	N41,N1;N20/02
16604	11	22/02*	17519	13	47,48/01;4/02	18485	14	52/01;15,28,40/02	18772	46	41/01;20,25/02
16606	11	37/02*	17520	2	N42,N46,N47/01;N4/02	18486	6	41,42,48,50/01;15,17, 33/02	18773	38	42/01*;4,8,18,20,23, 25/02
16640	24	47*,48/01	17521		N8/02	18487	4	38,40,42,49/01;1,6,7,12, 17,22,32,39/02	18774	10	35/02*
16645	18	13/02*	17525		N8/02	18488	14	52/01;15,28,40/02			
16646	12	5/02*	17528		N8,N43/02	18489	10	52/01;28,40/02			
16647	3	43,48/01	17541	3	8,43/02	18490	28	28*,40/02			
16660	28	46/01*;7,13,22,25,29, 42/02	17543	17	9,11,13,41/02	18491	14	52/01;28,40/02			
16661	6	40/01*	17545	13	9,43/02	18492	14	52/01;15,28,40/02			
16662	6	41/01*;3,22,29/02	17546	22	9,13,42,43/02	18493	14	52/01;15,28,40/02			
16663	6	43/01;3,7,13,22,25,29, 42/02	17548	28	43,45/01	18494	28	19*,22,32,39/02			
16665	7	43/01;7,13,22,25,29, 42/02	17549	6	43/01;13/02</						

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 43/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18775	2	N41/01;N20/02	22142	2	38,52/01;1,39,41,43/02	24028	6	42/01*;23/02	24480	1	38/01;14,17,25,27,41/02
19002	9	N42,N44/01;N23,N25, N37/02	22143	3	39,52/01;6,8,17,41/02	24050	11	38,42,51/01;27,31,34, 38/02	24482	2	24/02
19004	36	46/01*;23,25,35,37/02	22145	2	N41/02	24052	15	48,50/01;31,37,38/02	24483	2	48/01;20,24/02
19007	16	42/01	22160	2	4,30,34,39,41/02	24053	16	48,50/01;24/02	24484	3	24/02
19008	4	42/01	22170	3	13*,30,39/02	24055	6	37/02	24490	3	52/01;24,31/02
19009	4	42/01	22172	7	41/01;8,10,17,27,30, 39/02	24057	4	31,38/02	24491	3	31/02
19010	16	42/01;23,25,37/02	22173	35	45,52/01;8,17,30,39/02	24058	2	31,32,37,38/02	24492	20	31/02
19013	16	44/01;25/02	22180	2	30,34/02	24060	2	51/01;34/02	24501	3	52/01;14,17,27/02
19320	16	23,27,35,37/02	22181	16	17,27,39,41/02	24080	5	29/02	24504	7	38,52/01;17,41/02
19324	22	27,35/02	22182	6	7,8,30,34/02	24091	6	43/01;26/02	24508	2	38,52/01;18,19,41/02
19327	10	23/02	22183	3	39/01;20/02	24092	14	26/02	24509	2	52/01;17/02
19330	9	6/02*	22190	2	30/02	24100	5	27,29/02	24510	2	38,52/01;17,18,19,41/02
19339	1	N25,N35/02	22205	2	14,16/02	24101	3	37,41/02	24512	3	38/01;25,29/02
19340	26	25,35/02	22221	20	42,45/01;20/02	24102	3	37,41/02	24517	2	18,19/02
19341	9	7/02*	22222	1	45/01	24110	3	27,29/02	25001	7	42/01*;9,12,17,19/02
19347	17	25/02	22250	2	42/02	24120	9	47/01	25017	5	41/01;9,12/02
19350	11	27/02	22259	4	40/01;20/02	24121	10	47/01	25018	9	N42*,46/01;9,12/02
19351	9	25/02	22262	3	46/01	24130	14	40,47,48/01;24,29/02	25400	1	23,26,35/02
19357	22	42/02*	22263	1	45/01	24131	8	48/01	25480	1	47/01;20,42/02
19358	20	28/02*	22264	2	40,45/01;20,42/02	24132	13	10/02	25481	25	47/01;4,26/02
19360	1	N37/02	22275	3	40,45/01;20,42/02	24140	18	46/01;4,32/02	25482	16	47/01
19366	36	13*,31/02	22282	17	19/02	24149	1	32/02	25483	20	52/01
19367	37	22,31/02	22283	3	N19/02	24150	27	40,46/01;6,27,29,30, 32/02	25484	23	11/02*
19369	5	22,31/02	22290	4	40,45/01;20/02	24151	4	29,32/02	25485	45	23,26/02
19379	1	N44/01;N25/02	22293	15	40,45/01;20/02	24152	2	30/02	25487	2	23,26/02
19380	14	44/01;25/02	22331	2	N39/01	24153	6	10,30/02	25524	43	49,51/01;11,33/02
19381	8	25/02	22341	9	1,19,43/02	24154	12	10/02	25526	2	49,51/01;11,19,33/02
19385	7	20/02*	22342	9	19/02	24156	2	22/02	25527	31	51/01;11,33/02
19387	9	N25/02	22343	1	N45/01;N11,N19,N43/02	24159	1	27/02	25528	5	21,42/02
21008	62	39,42,43/02	22344	5	N42/02	24160	21	40,43/01;6,27,28/02	25550	2	17,19,24/02
21014	72	38,45/01;42/02	22345	11	42/02	24161	11	48,49/01;11,27,42/02	25563	50	17,33/02
21017	50	23,41/02	22347	5	N19/02	24162	9	39,48/01;1,4,11,22,27, 42/02	25566	27	17/02
21020	42	23,41/02	22351	1	N45/01;N43/02	24164	6	10,27/02	25567	16	19/02
21023	41	38/01;5,34/02	22352	6	39/01	24171	19	43/01	25570	3	52/01;19,31/02
21026	47	38/01;5,13/02	22361	2	N7/02	24180	15	48/01	25575	4	52/01;4,31/02
21033	46	52/01;14,20,32/02	22371	5	46/01;7/02	24200	14	6/02	25600	47	38/01;24/02
21141	23	38/01	22375	1	N19/02	24211	7	24/02	25601	34	10,17,19,20/02
21161	19	43/02	22379	1	N46/01	24220	14	27,28/02	25607	4	24,39/02
21182	34	1,39/02	22381	1	N19,N43/02	24222	3	27/02	25608	21	10,17/02
21301	13	1/02	22395	2	4,19,42/02	24223	33	18/02	25609	5	46/01;30/02
21342	28	41/02	22406	1	N1/02	24230	20	48/01;10,18,30/02	25611	22	46/01
21384	3	23/02	22407	1	N1/02	24233	15	36,43/02	25613	2	5,14,30/02
21401	20	40/01	22409	4	N45/01	24240	3	30/02	25640	40	28/02*
21441	27	47/01;1,34/02	22410	32	4,7,11,43/02	24243	1	46/01;4,31/02	25641	26	5*,30/02
21483	1	51/01	22411	1	N46/01**	24244	3	27/02	25644	12	38/01;42/02
21489	1	13/02	22412	2	7/02	24245	5	40,47,51/01;30,39/02	25645	17	15/02*
21500	1	5/02	22418	2	46/01;24,36/02	24250	5	40,47,51/01;30,39/02	25646	7	N38/01;N42/02
21510	1	13/02	22420	2	46/01	24251	23	40,47,51/01;24,34,43/02	25649	18	41,45/01;18,30,35/02
21520	1	5/02	22421	4	N4,N7,N11,N43/02	24252	5	40,47,51/01;30,39,43/02	25650	33	22*,30/02
21521	14	5/02	22425	2	39/01;7,11/02	24260	5	34/02	25663	27	19/02*
21529	1	14/02	22427	1	N4,N43/02	24270	3	24,27/02	25668	18	15*,16/02
21540	36	5/02	22429	1	N45,N46/01;N24/02	24290	3	44,46/01;36,43/02	25670	41	26,38/02
21601	4	14/02	22430	6	44/01	24291	4	36/02	25673	15	28,42/02
21602	1	28/02	22433	3	41/01;39/02	24292	4	44/01;36/02	25677	19	4,21/02
21605	7	19/02	22436	2	39/02	24293	6	6,32,36/02	25681	15	41/01;4/02
22004	38	39,52/01;18,20,23,30,32, 34,36,39,41,43/02	22471	31	38/01;18/02	24294	22	6,36/02	25683	17	45/01;30/02
22008	35	38,45,52/01;1,4,13,18,30, 34,36,39,41,43/02	22481	35	45/01;43/02	24311	4	27/02	25687	11	12,15,35/02
22012	31	4,14,16,30,34/02	23000	5	48/01;18/02	24312	4	27/02	25689	9	39/01*
22032	20	46/01	23023	4	27/02	24320	4	46/01;27,28,34,43/02	25700	3	8,12/02
22036	28	18/02	23030	6	40,42,51/01;27,38/02	24322	6	28,34/02	25710	2	8,12/02
22050	4	19/02	23051	9	47/01	24350	2	31/02	25720	3	8,12,33/02
22051	18	28/02	23102	6	50/01	24370	1	34/02	25723	40	8/02
22052	6	28/02	23115	3	27/02	24375	2	34/02	25724	3	8/02
22080	3	52/01;20,32/02	23121	7	48/01;30/02	24380	2	35/02	25800	3	24,36/02
22082	4	4,17,19/02	23122	8	23,30,33/02	24388	2	35/02	25803	16	12/02
22083	5	19/02	23123	3	30/02	24404	8	14,21,26,35/02	25841	9	8,10,24,36/02
22084	4	42/02	23124	3	30/02	24405	10	14,26,35,36/02	25842	10	8/02
22090	2	38/01;30,32,43/02	23126	6	N24/02*	24406	30	20,26/02	25845	9	8/02
22100	3	52/01;20,32/02	23127	4	N24/02*	24408	21	4,14,36/02	25848	25	8/02
22101	19	52/01;16,20,32,43/02	23128	4	N24/02*	24410	2	21/02	25849	13	8,42/02
22111	4	32/02	23129	2	N24/02*	24423	2	6,8/02	26001	4	38/01
22112	3	38/01;23,25,30,32,43/02	23131	7	50/01;26,31/02	24430	5	39/02	26050	1	47/01;13,34/02
22113	8	23,25,30/02	23141	7	34/02	24431	14	39/02	26070	2	46/01
22114	5	16,32,42,43/02	23142	10	51/01	24434	4	39/02	26083	14	29/02
22120	3	46/01*;8,18,23,30,34,36, 39,41,43/02	23145	3	40,42/01	24444	2	6/02	26122	29	46/01
22121	9	39,43/01;1,6,8,17,23,30, 34,36/02	23150	10	48/01;1,20,37/02	24450	3	6/02	26125	3	47/01
22124	2	46,52/01;17,34/02	23152	3	37/02	24452	7	16,26/02	26127	21	47/01;5/02
22125	1	40/01;18,36/02	23153	8	52/01;20,31/02	24460	4	15,17,39/02	26128	50	5/02
22126	1	36/02	24000	39	51/01;27,29/02	24462	5	15/02	26129	11	4,26/02
22127	2	1/02	24004	36	40,46/01;5,7,29,30/02	24463	6	24,39/02	26130	20	47/01
22128	2	52/01;8,18,41/02	24008	42	40/01;7/02	24465	6	15,23,33/02	26140	2	8/02
22129	2	52/01;1,4,30,34,36/02	24012	40	6/02	24469	1	20/02	26142	10	8,24,33/02
22130	2	52/01;1,4,30,34,36/02	24016	53	48,51/01;30,39/02	24470	4	28,39/02	26143	10	8/02
22140	2	52/01;1,4,30,34,36/02	24020	47	46/01;27/02	24471	8	28/			

## SECTION I

NM 43/02

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 43/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
26150	1	47/01	35080	16	18,22,40/02	37060	3	13,17,21,31/02	37248	18	12,39/02
26210	2	24,36/02	35086	5	31/02	37061	15	36,38/02	37258	4	15/02
26220	6	47/01	35099	3	41/02	37063	21	7,16,21,28,36/02	37261	10	15,28/02
26229	11	17/02	35100	14	40/02	37064	8	17/02*	37264	3	30/02
26230	12	43/01;17/02	35101	6	41/02	37065	7	19/02*	37265	3	18,24/02
26240	7	23/02	35103	5	41/02	37075	3	7,21,31/02	37281	15	30/02
26245	16	43/01	35120	13	40/02	37079	5	22/02	37320	16	12,18,26,27,28,38/02
26259	2	44/01	35141	11	34/02	37080	3	49/01;14,17,24,27,30,33,	37325	8	14,18,34,39/02
26260	5	12,24/02	35143	7	34/02			34,38,40,42/02	37326	2	11,12,34/02
26280	7	8,23/02	35155	3	11/02	37081	23	18,20,21,28,38,43/02	37328	2	12,18,42/02
26282	6	8/02	35159	3	25/02	37082	9	13,28/02	37330	2	22,24,26,30,32,34,38,
26284	3	8/02	35163	7	25/02	37083	8	20,22/02			40/02
26290	1	8/02	35166	4	35/02	37084	9	49/01;20,22,38,40,43/02	37342	3	17,32/02
26303	4	13/02**	35167	3	35/02	37085	8	38,40/02	37343	10	11/02
26305	4	13/02**	35169	2	35/02	37086	8	38/02	37344	11	17,32,34/02
26306	14	8/02	35180	6	38/01	37087	7	38,40/02	37360	15	15,17,27,28,30,32,34,
26308	4	8,15/02	35210	3	40/01;29/02	37089	12	21,28/02			43/02
26309	26	8,17/02	35230	3	40/01;29/02	37090	8	48,49/01;7,14,27,32/02	37362	6	48/01;12,17,31,43/02
26320	5	42,43,50/01;5,8,12,15,24, 27,28,29,35/02	35236	2	7,38/02	37095	3	43/01;13,14,15,17,18,24, 28,32/02	37363	8	11/02
26327	2	N41/02*	35270	2	38/02	37101	9	6,15,18,27/02	37367	1	38/02
26328	2	15/02	35277	3	38/02	37103	9	12,13,15,27,29/02	37380	2	12,15,17,34,40,42,43/02
26342	19	1/02	35279	3	38/02	37104	3	12,13,41/02	37400	10	9,15,28,34,38,40,41/02
26344	10	1/02	35295	3	27/02	37106	4	12,13/02	37401	9	48/01;9,28,32/02
26345	6	1/02	35298	7	27/02	37110	11	6,12,13,15,17,18,19,24, 27,28,29/02	37402	7	48/01;28,32,41,42/02
27005	4	39/01;5,8,9,12/02	35299	9	8,12/02	37115	2	6,12,13,15,17,18,19,27, 28,29,33/02	37403	23	43,49/01;12,24/02
27080	4	46/01*:1,5,20/02	35300	17	12/02	37119	2	43/02	37420	1	43/01;9,12,34,43/02
27082	6	38/01;9,18/02	35301	6	48/01;12/02	37120	2	48,49/01;1,12,13,15,19, 24,27,29,39,42/02	37421	8	43/01
27083	39	52/01	35303	7	40/02	37121	11	12,13,15,24,27,29,31/02	37441	4	43/01;9,12,15/02
27100	2	31/02	35308	5	8,12/02	37122	12	40/01	37443	2	9,12/02
27120	4	40,44,47/01;41,43/02	35310	2	12,22/02	37123	9	19/02	37445	1	12/02
27142	5	43/01	35330	2	4,12,22,38,41/02	37125	15	15,19,24,42/02	37461	9	44/01
27163	21	9/02	35350	2	7,38,41/02	37126	8	15,41/02	37463	6	41,44/01
27183	8	5/02	35390	2	12/02	37129	6	39,42/02	38030	1	9,10,20,21/02
27186	8	5/02	35400	11	8,12,30/02	37130	5	38/02	38040	5	12/02
28004	1	47/01;5,20,23/02	35402	3	50/01;38/02	37132	11	21,22,24,27,29,31,35/02	38041	1	12/02
28050	3	13,28,34/02	35405	2	50/01;8/02	37134	5	38/02	38044		N12/02
28051	2	38/01	35420	13	12,24,30/02	37136	6	38/02	38100	4	12/02
28110	2	15/02*	35421	14	31/02	37139	8	18,23/02	38103		N12/02
28120	1	46/01	35423	6	31/02	37140	33	38,48/01;1,15,17,19, 21,22,24,27,29,31,35/02	38105		N12/02
28130	1	46/01	35424	3	30/02	37141	29	38,48/01;20,21,23,36, 40/02	38460	7	18/02
28162	29	44,47/01;28/02	36005	2	6,7,12,13,14,15,17,24,27, 28,34,36,38/02	37147	15	38,48/01;13,21,35,36, 40/02	38463	2	18/02
28164	17	47/01;28/02	36010	27	1,8,12,16,19,20,22,24, 38/02	37148	13	48/01;17,21,35,38/02	38480	6	38/01;18/02
28165	19	47/01	36015	2	13,17,24,27,36/02	37150	8	38,48/01;13,16,21,22, 31/02	38580	8	12/02
28170	1	38/01;4/02	36040	16	12,19,30/02	37161	14	38,48/01;13,18,21,22,31, 34,43/02	38603	2	4,17,21/02
28190	2	44,47/01;41,43/02	36046	5	38/02	37162	12	11,12,15,16,17,18,26/02	38610	1	20/02
28196	4	44/01;41,43/02	36060	17	8,12,16,19,31,38/02	37163	19	11,13/02	38670	2	9/02
28197	4	44/01	36062	11	40/02*	37164	4	15/02	38683	3	9/02
28202	22	41/02	36066	17	8,12,16,19,31,38/02	37165	2	47,48,49/01;1,5,8,9,15, 17,18,20,21,34,36/02	38690	2	10/02
28210	2	33,35,39,41/02	36067	11	40/02*	37166	2	38/01;8,11,12,15,16,17, 18,26/02	41060	3	34/02
28220	2	35,39/02	36081	16	12/02	37167	12	11,12,15,16,17,18,26/02	42620	5	12/02
28221	18	33,37,39/02	36106	7	40/01;18/02	37168	19	11,13/02	42740	5	2,12,34,41/02
28223	4	38,42/01;35,39/02	36117	6	18/02	37169	13	47,48,49/01;17,21,34,36/02	42742	3	2/02
28260	30	40/01;35,37/02	36120	9	16,19,20,22,31/02	37170	11	48/01;38/02	42760	5	12/02
28261	10	43/01	36122	12	16,19,21/02	37171	20	48/01;21,38/02	42762	3	12/02
28263	3	35,37/02	36123	25	16,19,21/02	37172	4	15/02	43030	24	39,40,47,48,49/01;1,11, 25,28/02
28264	3	35,37/02	36127	5	48/01	37173	2	38/01;8,11,12,15,16,17, 18,26/02	43040	6	2/02
28265	3	37/02	36137	4	38/02	37174	14	48/01;35/02	43079	2	41/02
28281	32	40/01;36/02	36138	3	39/02	37175	9	48/01;38/02	43082	5	41/02
28282	2	35/02	36140	12	13,21,22,24,36,41/02	37178	20	48/01;21,38/02	43140	4	17,41/02
28300	1	47/01;23,39/02	36142	6	24/02	37182	14	48/01;35/02	43144	4	17/02
28302	16	51/01;31,33,39,40/02	36143	4	18,34/02	37183	9	48/01	43145	4	17/02
28310	2	23,31,33,35,39/02	36161	10	47/01;13,20,24,34/02	37200	15	39,40/01;18/02	43150	2	N17/02
28320	6	47/01;33/02	36162	10	47/01;13,20,30,35/02	37202	2	13,18/02	43160	6	17/02
28321	36	29/02	36163	13	47/01;20,31,34,35,38/02	37205	2	39/01;39/02	43161	2	17,41/02
28323	2	47/01;27,29/02	36164	7	34,38/02	37221	13	47,48,49/01;1,5,8,9,11, 12,15,16,17,18,20,21,24, 25,27,28,34,36/02	43164	3	17/02
28325	2	47/01;27,29/02	36165	6	1,17,18,20,22,24,28, 36/02	37222	13	15,27,28/02	43220	3	43/01
28330	2	27/02	36167	2	1,24,40/02	37223	14	26,42/02	43223	4	41/02
29015	5	2,22/02	36173	1	40/02	37224	11	47/01;15/02	43281	6	20/02*
29040	3	52/01	36180	23	13,17,20,21,22,36,40/02	37226	17	48,49/01;5,9,11,15,16,17, 19,20,21,25,28,30,39/02	43284	4	16/02
29104	4	47/01	36180	18	17,20,21,22,36,40/02	37228	14	38/01;5,8,13,21,24,27/02	43285	5	15,16/02
29121	5	32/02	36181	18	17,20,21,22,36,40/02	37229	15	15,16,17/02	43300	5	15/02
29122	5	32/02	36182	6	13,20,36,40/02	37230	14	47/01;16,18,24,25,39/02	43301	4	15/02
35000	26	11,13,23,24/02	37000	22	11,23,28/02	37231	18	38,48,49/01;9,12,15,20, 21,25,28,30/02	43303	4	41/02
35008	21	43/01	37005	16	17,18,23,41/02	37232	12	12,15,16,21/02	43321	6	30,41/02
35009	19	15,40,41/02	37010	23	38,48,49/01;15,16,17,18, 23,26,41/02	37233	18	38,48,49/01;9,12,15,20, 21,25,28,30/02	43323	4	30/02
35011	2	11/02	37025	26	38/02	37234	12	12,15,16,21/02	43324	4	30/02
35016	17	12,29/02	37032	2	9,12/02	37235	11	47/01;20,21/02	43341	7	41/02
35031	3	12,22/02	37034	2	43/01	37236	13	38,47,49/01;1,9,12,15, 20/02	43360	21	39,47/01;17,28/02
35032	16	12/02	37041	15	17,20,27/02	37237	13	48/01;18,21,24,25,39/02	43371	13	22/02
35036	21	1,13,17,19,24,30,36/02	37042	5	17,41/02	37238	11	15/02	43372	4	22/02
35040	18	50/01;21/02									

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 43/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44030	7	20/02	44410	4	38,39/01	53083	8	40/01;18,19/02	54140	7	41,42,50/01;15,16,17,18,41/02
44036	5	28/02	44420	6	39,43/01;5,36/02	53084	6	48/01;17,18,24/02	54151	1	38/01;7,14,15/02
44037	5	40/01	44430	2	43,51/01;4,6,16,17,28/02	53085	6	17,24/02	54160	14	8/02**
44038	5	18/02	44444	6	31/02	53086	8	20/02	54161	12	16,17,19/02
44040	23	38,40/01;28/02	44461	10	39,51/01;4,6,8,12,16,17,19,28/02	53088	7	33/02	54165	2	45/01;33,37/02
44041	7	43/01	44462	4	39/01;4,6,8,19/02	53093	2	20/02	54167	2	17,19/02
44042	7	43/01;21/02	44463	9	39/01;4/02	53100	16	40,43/01;13,18,19,21,24,28,33,39,42/02	54168	1	37/02
44045	6	40/01	44465	2	39/01;4,6,8,12,16,17,19,28/02	53101	7	33/02	54169	3	42/01;8,16,37/02
44046	10	38/01;18/02	44481	2	39/01;6,26,28,31/02	53104	2	20,35,42/02	54180	6	42,46/01;7,8,10,19,41,43/02
44047	22	40/01;8,26/02	51002	7	13/02*	53105	20	37/02	54195	2	47/01;11/02
44049	9	38,39/01;18/02	51007	22	44/01;38/02	53106	6	19*,20,24/02	54200	4	46/01;7,8,10,11,13,21/02
44050	21	38,39/01;8,18/02	51013	4	44/01;38/02	53107	16	35/02	54201	6	47/01;13,21/02
44051	1	43/01	51017	31	46/01;37/02	53110	1	29,40/02	54220	5	47/01;7,10,13/02
44057	5	38,48,49/01;8,13,21,25,25/02	51022	11	46/01;37/02	53111	2	31/02	54222	4	21,43/02
44061	21	39,49/01;8,18,21/02	51020	7	42,43,44/01	53120	14	13,18,20,21,27,28,39,42/02	54223	2	13,21/02
44062	8	8/02	51023	10	29*,33/02	53122	3	20,29,40/02	54224	2	40/01;13,21/02
44063	8	49/01;13,21/02	51024	1	29*,33/02	53125	1	27,42/02	54225	2	21/02
44064	19	39/01;8/02	51025	5	44/01	53126	3	6*,41/02	54226	2	46,47/01;7/02
44065	7	48/01;5,11,15,16,20,25,30,42/02	51026	6	44/01	53127	2	20/02	54227	2	46,47/01;7/02
44066	10	16,20,27,39/02	51028	1	38,44/01	53135	5	42/01;20,24,34/02	54240	11	8/02**
44067	22	39,49/01;5,8,11,16,21,25,29/02	51029	4	14/02*	53137	3	42/01;36,39,42/02	54260	3	8/02**
44068	11	P49/01;1,11,13,17,18,20,24,26/02	51030	3	14/02*	53149	2	31/02	54279	3	N39,N43/01;N20/02
44069	16	47,P49/01;1,5,9,11,13,16,18,20,21,24,29,31/02	51031	1	38/01	53150	8	47/01	54280	10	11,14,15,20/02
44070	7	49/01;9/02	51032	1	38/01	53155	1	37/02	54281	6	39,43/01;20/02
44071	4	9/02	51033	20	38,43,44/01	53164	9	40/01;20,37/02	54283	5	8,19,20/02
44072	4	5,21/02	51034	18	42/01;38/02	53165	13	39/02	54286	4	14,19/02
44073	2	5,21/02	51035	8	42,43/01;25/02	53166	1	47/01	54287	7	7,9/02
44075	4	47/01;5,9,11,16,17,21,29,31,42/02	51036	3	N25/02	53167	10	43/01;2,33,34,43/02	54288	5	9/02
44076	3	18,25/02	51037	6	42,43/01	53168	4	42/01;2,34/02	54289	8	7,9,19/02
44081	9	38,47,49/01;8,15,16,17,20,24,25,39/02	51038	8	42,43/01;25/02	53169	13	19*,35/02	54300	12	43/01;8,11,13,14,31/02
44082	11	39,48,49/01;6,11,15,16,17,18,21,24,25,26/02	51040	2	33/02	53170	10	43/01;2,33,34,43/02	54301	4	43/01
44083	8	39,41/01;10,15,21/02	51041	4	46/01;37/02	53171	6	40,41,47/01;15,20,33,37/02	54302	1	8,11,13,14,31/02
44084	1	39,41/01;6/02	51042	23	41,42,44,46/01	53172	9	40/01;20,37/02	54303	4	8/02
44085	2	49/01;21,25/02	51043	2	46/01	53173	13	39/02	54314	2	47/01;13/02
44100	7	40,48,49,P49/01;1,11,13,15,16,17,18,24,25,26/02	51044	3	46/01	53174	5	39/01;1,32,35/02	54318	3	38,45,47/01;5,19/02
44120	7	48,49/01;6,11,15,16,17,18,21,26,27,28,29,31/02	51045	3	46/01	53175	6	46,49/01;2,3,33,36,43/02	54320	4	38/01;7,13,20/02
44140	8	39/01;4,6,16,26,27,28,29,31/02	51046	17	43/02	53176	4	42/01;2,34/02	54322	7	38,49/01;5,13,19,20/02
44161	2	29/02	51047	8	46/01	53177	11	3/02	54324	8	38,45/01;19/02
44163	1	43/01	51048	1	41/01;43/02	53178	10	3/02	54327	4	20,31/02
44178	2	21/02	51049	16	43/02	53179	6	47/01;19,35,41/02	54329	4	5/02
44180	6	18,20,24,29,34/02	51050	2	46/01	53180	4	42,49/01;2,3,33,36,43/02	54330	2	46/01;5/02
44182	4	21/02	51051	23	42,44,46/01	53181	6	42/01;2,34/02	54333	3	5/02
44183	6	44/01	51052	18	42,44,46/01	53182	4	31,40/02	54334	3	46/01;7/02
44184	9	21/02	51053	8	41/01	53183	8	40/02	54337	3	19,31/02
44186	2	43/01;21/02	51054	3	41/01	53184	5	39/01;1,32,35/02	54339	8	7,17,31/02
44187	2	21/02	51055	3	41/01	53185	3	43/01;2,34/02	54340	8	19/02
44192	1	21,29/02	51056	2	42/01	53186	5	42/01;2,34/02	54343	10	14,19/02
44193	1	26/02	51057	12	32/02	53187	1	37/02	54344	6	14,19/02
44200	9	20,24,29,34/02	51058	8	41/01	53188	6	47/01;19,35,41/02	54346	8	14,19/02
44203	1	20,24,33/02	51059	14	41/01*	53189	4	22,42/02	54348	12	43/01;15,19,20/02
44204	1	5/02	51060	1	41/01*	53190	5	19/02	54363	3	15,19,20/02
44220	5	43/01	51061	2	46/01	53191	3	9/02	54365	6	15,19,36/02
44221	1	43/01	51062	2	42/01	53192	4	31,40/02	54366	3	15/02
44243	2	25/02	51063	14	42,44,46/01	53193	8	40/02	54367	3	15/02
44260	7	29/02	51064	5	41/01	53194	3	33/02	54368	4	20/02
44280	9	29,34/02	51065	7	42/01	53195	4	33,40/02	54369	4	43/01;13,15/02
44284	2	41/02	51066	14	42/01	53196	5	35/02	54372	2	20/02
44310	5	20,29,41,42/02	51067	3	50/01;3/02	53197	6	20,27,35,42/02	54380	6	41,42,43,45/01;26,42/02
44313	1	27,41/02	51068	2	3,11,40/02	53198	1	35/02	54382	9	41,42,43,45/01;26,42/02
44319	2	38,43/01;21,41,42/02	51069	14	42,43,50/01;2,21,24,42,43/02	53199	4	27/02	54386	10	43/01;7,42/02
44320	4	38,43/01;13,23,29/02	51070	3	3/02	53200	5	49/01	54387	7	41,42,43,48,50/01;6,23,42/02
44321	6	13,19,22,23,29,32,40/02	51071	6	7/02	53201	2	21,39/02	54389	8	6,43/02
44340	11	45/01;13,16,20,21,37/02	51072	2	49/01	53202	3	39/02	54400	8	42,49/01;1,5,7,20,32,43/02
44341	7	13,25,37,41/02	51073	1	42/01;12,13,17,18,19,21,22,27,28,30,39/02	53203	4	40,43,46/01;1,8,10,16,17,18,19,20,21,23,27,39/02	54403	4	42/01;6,22,43/02
44342	8	6,13,37,41/02	51074	14	43/01;12,14,15,17,18,19,21,22,27,28,30,39/02	53204	5	41,42,43,46,50/01;10,11,16,17,19,37,39,41/02	54404	4	19/02
44352	2	43/01	51075	10	43,49/01;14,19,28,30/02	53205	2	41,43,46/01;1,8,10,16,17,18,19,20,21,23,27,39,41/02	54407	4	42/01;32,43/02
44360	9	45,50/01;8,16,20,21,34,37,41,42/02	51076	8	43/01;14,19,28,30/02	53206	5	41,42,43,46/01;1,8,10,16,17,18,19,20,21,23,27,39,41/02	54409	2	23,32/02
44361	6	50/01;21,27/02	51077	6	33/02	53207	3	41/01;12,13,17,18,19,20,21,23,27,39,41/02	54413	3	31/02
44365	1	47/01	51078	2	48,49/01;33/02	53208	4	14/01;2,3,33,36,43/02	54416	5	7/02
44366	1	34,41/02	51079	6	33/02	53209	5	40/01;14,19,28,30,39,41/02	54418	4	42/01;32,43/02
44367	2	15,16,18,20,22,25,26,29,35,37,40/02	51080	2	12,33/02	53210	6	40/01;6,7,28/02	54421	6	40/01;6,7,28/02
44400	4	8,18,39,43/01	51081	8	15,21,30/02	53211	2	21,34,39,40/02	54422	4	19,02*
44401	7	13/02*	51082	13	40/02	53212	4	8/02**	54423	4	43,48/01;2,37/02

## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 43/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
55040	4	42,43/01;13,15,18,23,27, 28,31,32,39,41/02	57482	12	40/01	62120	6	46/01;11/02	62498	4	12*,23,25,27,31/02
55041	7	42,43/01;15,22,32/02	57484	19	46/01	62121	9	11/02	62499	4	15*,25,27,31/02
55042	1	41,43,48/01;18,21,27,28, 42/02	61000	20	46,51/01	62130	2	46/01	62510	2	6,23,31,33,34/02
55043	2	41,42,43/01;21,23,27,28, 37,39,42/02	61015	8	17/02	62140	1	34,40/02	62512	2	N6,N23,N31,N33, N34/02
55044	5	41,43/01;22,23,41,43/02	61018	4	45/01;18,24/02	62142	10	24,28/02	62515	2	14,26/02
55045	2	41,42/01;18,21,23,41/02	61020	2	17,28/02	62143	3	43,48/01;24,28/02	62520	5	38,41/01;5,6,7,13,15,17, 20,30,31,37,43/02
55046	4	41,43/01;1,4,21,22,23,26, 27,30,31,37,38,39,41/02	61036	8	8,27/02	62144	3	43/01;24/02	62521	3	N38,N41/01;N5,N6,N7, N13,N15,N17,N20,N30, N31,N37,N43/02
55047	8	45/01;22,23,26,27/02	61040	6	51/01	62162	2	39,44/01	62530	5	43,51/01;7,31,33,43/02
55048	12	41,42/01;6,23,27,32,36, 37,39,41/02	61050	4	51/01	62170	2	38/02	62531	3	N43,N51/01;N7,N31, N33,N43/02
55049	6	45,49/01;22,27,30,41, 43/02	61090	5	1/02	62171	4	38/02	62540	6	17*,18,21,23,25,26,29, 31,32,34,40/02
55050	7	19,20,36,37/02	61110	3	12,28/02	62177	3	42/01	62541	3	N17*,N18,N21,N23, N25,N26,N29,N31,N32, N34,N40/02
55054	3	41/01;4,23,37/02	61111	12	51/01;12/02	62188	3	52/01	62550	2	41/01;7,13,30,43/02
55058	7	39/02	61112	10	14,17/02	62191	14	47,52/01;22,29,41/02	62560	3	45,48/01;2,21,23,25, 29/02
55059	8	45,49/01;22,27,30,41, 43/02	61120	4	12,28/02	62193	17	17*,19,31/02	62570	4	17*,21,23,25,26,32, 33,34,36,40/02
55060	5	12,28/02	61130	3	12,28/02	62194	8	17*,18,19,31,36/02	62580	3	40,45/01;2,4,14,23,26,32, 33/02
55064	2	48/01;24/02	61140	5	12,27/02	62195	6	43/01;22,36,41/02	62590	2	40/01;4,9,12,16,28,29,36, 40/02
55084	7	39/02	61141	6	38/02	62200	8	47/01;8/02	62591	3	N40/01;N4,N9,N12,N16, N28,N29,N36/02
55085	9	13/02	61142	6	38/02	62222	4	44/01	63000	13	40,42,44,49/01;5,12,27, 28/02
55100	8	41/01;29,36,37/02	61150	4	46/01;12/02	62225	3	17*,37/02	63005	18	38,40,41,42,44,49/01;4,15, 25,31/02
55101	4	48/01	61160	3	43/01;12/02	62230	2	39,44,48,52/01	63010	14	41/01;26,29,31/02
55102	3	48/01;24/02	61170	5	13,27/02	62241	10	40/01	63015	11	41,43/01;31,38,40/02
55103	2	42,48/01;9,12,24,29/02	61171	10	13/02	62250	4	43,48/01;34,38/02	63020	15	44/01;27,31/02
55104	2	9/02	61172	6	13/02	62270	4	43,48/01;37,41/02	63040	2	12/02*
55105	7	48/01;6,9,12,18,29,36,41, 42/02	61180	4	20,27/02	62271	5	37,41/02	63050	2	40,45/01;2,4,14,23,26,32, 33/02
55110	2	41/01;4,7,23,24,29,37/02	61182	2	13/02	62285	2	42/01;26/02	63053	4	12*,14/02
55112	2	48/01;36/02	61190	4	39,41/02	62288	2	49/01	63054	3	19*,31/02
55128	2	45,6,9,26,33,33,38/02	61191	8	12,13/02	62290	3	38,40,42,48,49,51/01;2, 11,26,37,41/02	63055	2	51/01*,5,14,29/02
55129	7	6,9,33,36,37/02	61200	7	17,21/02	62292	2	42/01;24/02	63060	7	41,48/01;5,12,25,28, 32/02
55130	2	13,27/02	61210	6	17/02	62295	3	42,51/01;2/02	63062	7	41,44,47,48,49/01;5,18, 28,29/02
55131	1	27,36/02	61220	5	17/02	62302	2	44/01	63063	9	40,41,49/01;5,27,29/02
55138	4	46/01	61240	7	18/02	62310	2	6,27/02	63065	6	18/02
55139	5	41/02	61250	4	18/02	62313	4	17*,27/02	63066	7	40/01;20,27,28,29/02
55150	2	49/01;4,6,7,24,28,29,	61311	5	17,33/02	62330	2	14,38,40/02	63067	5	42,48,49/01;1,26,27,28, 31/02
55151	2	37/02	61312	3	17,33/02	62340	3	46/01;38/02	63068	4	41,44,47,48,49/01;5,18, 28,29/02
55160	2	6,18,24,28,29,42/02	61400	2	27/02	62343	3	51/01	63069	8	41,42,44,46/01;25,31/02
55161	1	7,29/02	61410	2	14/02	62355	6	51/01	63070	3	40/01;20,27,28,29/02
55170	2	41,44,48/01;9,12,18,29, 31,36,41/02	61420	2	14/02	62360	5	18,38/02	63080	5	42,48,49/01;1,26,27,28, 31/02
55175	1	49/01;24,28/02	61430	2	14/02	62361	2	N18,N38/02	63090	8	41,42,44,46/01;25,31/02
55180	2	9,33/02	61433	2	14/02	62366	3	38,40/02	63091	4	41,42,44,48,51/01;26,27, 32,39/02
55200	2	12,27/02	61440	2	15/02	62388	2	40/01	63092	4	41,51/01
56031	1	41,42/01;1/02	61450	2	46/01;14,17,27/02	62391	4	40/01	63100	2	40/01;4,15/02
56041	4	40/01	61470	2	15/02	62392	7	14*,18/02	63101	15	40,41,42,44,46/01;14,17, 19/02
56042	6	40,41/01;22/02	61472	1	15,20/02	62393	7	34,37/02	63102	19	40,41,45,46,52/01;14,17, 19,26/02
56043	6	22/02	61500	2	17/02	62394	10	34,37/02	63103	17	40,41,43,45,52/01;14,17, 26,29/02
56044	3	38,43/01;22,38/02	61510	2	15/02	62395	2	34/02	63110	4	41,44,47,48,49/01;5,18, 28,29/02
56048	2	40,41/01	61520	2	15/02	62401	9	11/02	63111	9	38,43,51/01;17,27,39/02
56060	8	42/01;33/02	61522	1	15/02	62402	9	2,5,6,15,17,20/02	63112	2	41,47/01
56063	1	2,14,21/02	61530	2	38/01	62403	5	41,49/01	63120	5	41,47/01
56064	6	41/01;14,38/02	61538	1	38/01;15/02	62406	2	38/01,8,24,33/02	63121	5	41,47/01
56065	3	40,41,42/01;33,38/02	61540	2	38/01;15,20/02	62408	7	11,15/02	63122	5	41,47,52/01;14,17, 19,26/02
56067	2	40/01;33,38/02	61542	6	4/02	62409	6	2/02	63123	5	41,47/01
56081	19	40/01;41/02	61550	2	17/02	62413	11	33/02	63124	2	41,47/01
56082	16	40/01	61560	2	15/02	62419	6	33/02	63125	5	41,47/01
56083	2	7,31/02	61581	5	14,18/02	62420	5	51/01;33,37,39/02	63126	5	41,47/01
56100	13	42,47/01;P1,41/02	61582	4	14,18/02	62429	9	39,45/01;17,27,39,43/02	63127	4	41,47/01
56101	6	42/01;33/02	61591	4	8/02	62431	8	26*,27,37/02	63128	5	41,47/01
56103	6	18,30/02	61592	4	8/02	62432	15	40/01;4,25,31,34/02	63129	5	41,47/01
56104	2	42,47/01;P1,41/02	61610	7	28,29/02	62433	12	15,30,31,34/02	63130	17	40,41,43,45,52/01;14,17, 26,29/02
56120	12	42,44,48/01;1/02	61611	11	28/02	62434	9	12*,40/02	63131	9	38,43,51/01;17,27,39/02
56141	6	45/01	61612	4	28/02	62437	9	32/02	63132	4	41,47/01
56161	2	N42/01	61650	3	17/02	62440	7	41/01;5,15,17,20/02	63133	15	41,47/01
56190	3	42/01	62000	20	44/01;18/02	62441	10	16,36/02	63134	15	41,47/01
56191	2	42/01;18/02	62001	4	40,48,51,52/01;2,36/02	62442	6	45/01	63135	1	14,15,25,31/02
56195	3	22/02*	62024	13	46/01;13,14,38,40/02	62444	2	41,42,49/01;1/02	63200	5	41,43/01
56220	4	42/01	62028	15	40,46/01;5,8,12,18/02	62446	3	47/01	63201	9	43,48/01;40/02
57029	9	40/01	62032	15	38,40,41,43,45,51/01;13, 16,18,23,29,32,33,43/02	62448	2	45/01;2,23/02	63205	2	41,43/01
57035	10	46/01	62033	2	N38,N40,N41,N43,N45, N51/01;N13,N16,N18, N23,N29,N32,N33, N43/02	62449	4	15/02	63220	5	46/01*/26/02
57063	5	40,41/02	62040	5	13/02	62456	1	39/01;27/02	63230	6	17/02*
57064	3	41/02	62046	2	13,39/02	62457	5	51,52/01;5,6,17,20,21,24, 36/02	63231	8	31/02
57101	18	41/02	62050	6	18/02	62458	3	25,33/02	63233	15	31/02
57120	13	43/02	62080	5	40/01	62459	7	39,45,51/01;17,27,39, 43/02	63250	6	14*,29,40/02
57140	10	43/02	62090	7	40/01;2/02	62460	4	6,24,31,33/02	63252	1	48/01
57141	14	43/02	62092	7	2,41/02	62462	1	41,49/01;1/02	63260	5	41,43/01
57142	6	43/02	62093	7	2,16,41/02	62463	1	41,49/01;1/02	63270	7	42,43/01
57160	10	43/02	62095	2	2,3,16,41/02	62464	2	15*,31/02	63271	8	41,42,49/01;19/02
57161	4	31/02	62097	5	46/01*	62480	1	38,41,43/01;13,15,18,23, 30,31,33,37,43/02	63280	3	52/01
57162	7	43/02	62098	6	41/01*	62490					

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 43/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
63322	2	45,49/01;30/02	71420	1	46,47,48/01;38,39/02	74024	7	31/02	74493	3	6,16,38,43/02
63324	1	6/02	71425	1	47/01	74027	9	43/02	74494	2	52/01;41/02
63330	9	27,39/02	71430	2	18,41/02	74030	6	10,28/02	74510	2	14,16,17,33,35,37/02
63337	15	27,31,39/02	71440	1	7,24,34,38/02	74042	1	6/02	74515	4	10,13,14,20,28,33,35, 39/02
63383	5	44,48/01	71450	1	22,25/02	74053	2	10,28/02	74517	3	10,13,18,20,21,39,41/02
63400	1	39/02	71460	1	15,20,25,41/02	74054	2	28/02	74521	3	28,41/02
63410	6	43/01;39/02	71465	1	20/02	74071	4	12/02	74527	2	28/02
63413	5	39/02	71470	2	15,38/02	74151	9	4,10,20,24,27,36/02	74530	2	28/02
63417	2	43/01;39/02	72000	8	40,41/01;4,31,32,35/02	74152	11	14,36/02	74535	2	31,42/02
63420	2	43/01;39/02	72007	10	41,49,51/01;6,30,36, 38/02	74153	2	4,14,36/02	74545	3	28,40/02
63440	4	47/01	72014	10	45/01;12/02	74162	4	10,36/02	74555	3	10,34,43/02
71005	1	43,46,48,49,50/01;7,9, 34/02	72021	8	31,36,38/02	74171	4	33,36/02	74560	10	14,23,28,32,40,43/02
71006	5	8,39/02	72028	7	46/01;4,5,15,31,34/02	74181	8	52/01;2,11,13,23,28,33, 35,37,38,39/02	74581	9	9,13,20,26,32,34,36,40, 41,43/02
71009	3	50/01;9,39/02	72035	8	41,44,48/01;16,31/02	74182	12	52/01;1,3,5,11,13,23,24, 25,26,28,33,35,37,38,39, 41,42/02	74582	9	3,9,13,18,26,28,40/02
71012	3	44,45,46,48/01;19,33, 39/02	72040	3	11/02	74183	11	11,38,39,42/02	74583	15	26,32,34,40,43/02
71015	4	48/01	72045	2	41,44,48,49/01;16/02	74184	10	10,13,23,24,28,33,35,37, 38/02	74584	5	4,18,22,25,32,34,41, 43/02
71018	10	52/01;2,5,9,10,15,33,35, 37/02	72060	8	43,46/01;32/02	74190	7	2,13,22,23,26,35,36, 37/02	74590	2	10,28/02
71027	9	7,15,19,20,22,24,25,34, 38/02	72075	2	8,20/02	74196	7	11,18,34/02	74591	7	10,40/02
71033	31	41,46,48/01;7,15,23,37, 38/02	72080	7	8,20/02	74200	3	14,16,21,24/02	74595	2	28/02
71036	8	40,41,46/01;9,11,35/02	72085	2	6,8,30/02	74204	5	1,13,14,21,24,27,37/02	75001	3	9,23/02
71040	5	44,47/01;27,34,42/02	72094	2	51/01;29,38/02	74205	2	16,24,25/02	75010	7	16,18,41,42/02
71042	1	44/01;34/02	72100	7	29/02	74206	2	8,24,34/02	75025	9	14,22,23,36,39/02
71043	2	25/02*	72101	6	45/01	74208	7	1,5,14,18,21,27,28,37/02	75035	18	10,21,24,36,39/02
71044	1	44/01;27/02	72105	2	51/01;36,38/02	74209	9	27/02	75051	6	13,16/02
71058	2	23,36/02	72107	2	12,15,27,29/02	74210	3	16,42/02	75052	2	13,16/02
71059	1	23,36/02	72109	3	42/02	74214	2	19,22,24,26,35/02	75100	2	16,42/02
71061	15	23,36/02	72110	9	12,15/02	74215	3	5,24,26,28,35/02	75130	16	7,16,18,21,27,31,34, 41/02
71066	1	39/02	72130	4	45/01;13/02	74216	7	12,25/02	75131	7	18,20,28/02
71071	5	45/01;15/02	72131	3	45/01;13/02	74220	8	1,6,11,13,17,23,25,26, 35/02	75132	11	31/02
71081	3	16/02	72161	10	15/02	74221	2	11,13,35/02	75134	3	7,23,27,33/02
71140	6	45/01;33,39/02	72173	2	12,15/02	74229	2	5,6,11,17,22,23,33,37, 43/02	75142	5	4,8,15,21,28,36,42/02
71180	29	51,52/01;2,8,10,33,37/02	72190	2	6,30/02	74230	7	11,13,28,39,42/02	75143	4	4,12,15,20,28,32,33,36, 38,42/02
71182	2	5/01	72201	48,49/01;5,9/02	74231	7	39/01;1,5,6,19,23,35/02	75144	3	20,31,33,36,42/02	
71183	13	32/02	72203	2	41,46,48/01;16/02	74232	9	2,9,15/02	75150	5	13,16/02
71185	24	5,8,13/02	72211	6	41/01;43/02	74234	1	2/02	75160	6	6,22,23,24/02
71186	2	5,8,13/02	72223	8	44,45,48/01	74240	8	4,9,15,34,39,42/02	75170	12	38,39/02
71210	18	45,46/01	72231	8	52/01;31/02	74251	8	4,15,17,23,25,26,31,32, 34,37,42/02	75171	22	52/01;5,16,18,31,33,36,38,40, 42/02
71211	4	45,46/01;38/02	72234	2	43,52/01	74252	9	19/02	75172	5	39/02
71212	1	46/01;18,38/02	73000	9	52/01;26,40/02	74253	6	4,11,15,17,19,23,25,27, 32/02	75173	9	52/01;8,10,12,14,17,20, 25,31,32,33,36/02
71220	3	45,48/01	73002	4	40,41,46,51/01;4,6,8,18, 24,30/02	74261	9	15,25,41/02	75175	9	52/01;5,16,18,31,33,38, 40/02
71223	8	47/01;17/02	73004	4	40,41,46,52/01;4,26/02	74265	2	4,11,15,17,19,23,25,27, 32/02	75176	9	5,7,14,17,27,42/02
71230	11	45,48/01;1,23,38/02	73006	2	26/02	74273	5	1,18,19,31,38,41,43/02	75177	7	5,12,18,27,38/02
71241	10	18/02	73008	8	40,41/01;8,16/02	74276	7	26,32/02	75180	2	3/02
71243	4	1,33/02	73010	3	13/02	74277	5	9,19,28,38/02	75185	2	22/02
71244	3	38/01	73012	5	9,10,42/02	74278	3	1,9,18,19,26,31,38/02	75190	2	11,23/02
71247	18	52/01;20,21/02	73016	4	43,46/01;15/02	74279	7	9,19,28,38/02	75191	6	3,22,25,37,38,43/02
71248	1	N18*,N20,N35/02	73018	3	13/02	74281	2	31,34,35/02	75193	6	22/02
71249	2	35/02	73020	9	3,25/02	74286	2	15,22,24/02	75207	2	36/02
71251	11	20,35,40/02	73022	4	13/02	74287	2	27,34,38/02	75208	2	14,26/02
71253	10	14,21,35,40,42/02	73024	3	39/02	74289	5	13,18,26/02	75213	2	36/02
71255	5	43/01;9/02	73030	4	4,20/02	74290	11	13,25,34,39/02	75215	2	1,36,39,40/02
71257	2	38,43/01;4,8,9,15,18,21, 23,28/02	73032	4	47/01;14,25/02	74292	8	13,27,34,38/02	75220	12	10,14,36,39/02
71258	2	43/01;4,9,15,18,20,21,28, 35/02	73141	5	13/02	74293	7	25,34/02	75222	8	1,18,22,35,40/02
71259	2	38,39,46,52/01;18,20,21, 33/02	73191	3	45/01	74294	3	25,34/02	75240	4	14,36,39/02
71261	8	2,13,35/02	73271	7	41/01;21/02	74295	3	18,22/02	75241	6	34,36/02
71265	2	38,49/01;1,7,18,20,21,23, 39/02	73570	7	34/02	74296	4	27,34,38/02	75251	5	23,33/02
71271	10	46/01;23,25,30,34/02	73581	4	16/02	74310	2	9/02	75261	6	13,17,21,23,24,33,36/02
71272	10	23,30,34/02	73590	6	16,31/02	74320	3	35/02	75262	6	12,38/02
71273	2	14/02	73601	3	12,15,17,24,26,31,34, 35/02	74330	3	15/02	75263	9	17,32/02
71275	3	43,48,49/01;13,23,35/02	73610	4	26,31/02	74340	3	15,27/02	75264	17	1,16,17,19,33,34,37,41, 42/02
71285	3	46/01;2,7,23,25,30,34/02	73631	4	36/02	74350	4	25/02	75265	2	13,17,20,21,24/02
71295	2	46/01;25,26,30,34,39, 40/02	73640	5	23,36/02	74376	5	43/02	76015	1	42/01;3,4,18,23,24,29,35, 40/02
71305	2	48/01;9,14,31,34,36/02	74002	2	12,13,14,18,25,27,28, 35/02	74391	3	15/02	76020	7	8,18/02
71312	5	45/01	74003	5	2,22,25,28/02	74392	7	16,22,25,39/02	76030	9	9,12,24/02
71313	8	45,51/01	74004	2	12,13,18,35,37,39/02	74393	9	12,16,18,19,25,28,31,38, 41/02	76041	2	2/02
71314	5	45/01	74005	2	9,13,18,19,31,34,35/02	74394	2	3,12,18,19,28,31,41/02	76050	8	38/01;24/02
71315	2	44/01;14,27,31,34/02	74006	2	26,31/02	74410	3	16,20,25,38/02	76052	8	44,52/01;1,8,12,15,21/02
71320	1	45/01;35/02	74007	1	36/02	74415	1	39/02	76054	5	9/02
71330	13	35/02	74008	6	9,15/02	74440	3	32,39/02	76056	3	38/01
71340	11	18,19,22,40/02	74009	10	3,9,20,22,25,38/02	74450	3	21,22,26/02	76060	7	40/02
71348	3	18,35/02	74012	10	52/01;17,20,22,26,37, 40/02	74455	3	9,19,21,23/02	76061	3	40/02
71350	8	15,18,20/02	74015	10	52/01;20,40/02	74460	4	21,22,26,37,40/02	76070	9	38,42/01;4,9,12,23,35/02
71400	5	11/02	74017	4	3,12,17,18,37/02	74465	2	9/02	76071	9	38/01;4,23,35/02
71401	1	40/02	74020	4	16,17,33,37,38,43/02	74485	3	16,43/02	76080	8	42/01;3/02
71402	1	18,40/02	74021	7	10,13,14,20,33,35,39/02	74491	4	6/02	76081	7	38/01;9,12/02
71410	1	41,45/01;11,39/02				74492	7	6,16/02	76083	3	40,42/01

## SECTION I

NM 43/02

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 38/01 THROUGH NM 43/02**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
76090	6	2.9/02	91120	3	41/01	93048	1	35/02	94420	3	47/01;5,39/02
76110	5	23/02	91140	4	41/01	93101	2	N24,N34,N38/02	94421	10	15/02
76120	6	6.22,23,25/02	91160	3	41/01	93110	2	41/01*;22,24,38,40, 41/02	94423	12	19/02
76121	8	4.9/02	91170	2	41,48/01;38,41/02	93113	2	19/02	94427	2	N32/02
76140	7	2/02	91175	2	41/01	93115	2	40,41/02	95016	8	43,44/01;9,12,40/02
76141	8	4.14,19/02	91240	5	41,44,45,47/01;7,10/02	93117	2	19,40,41/02	95040	8	4,40/02
76146	1	2.8/02	91247	5	41,45/01	93160	4	15*,27,34/02	95060	13	44,51/01;4,10,14,15,16, 40,43/02
76147	1	2/02	91280	7	39,42,45/01;19,22/02	93180	7	27,34/02	95065	5	51/01;4,14/02
76150	6	35/02	91286	10	13,20/02	93200	4	44/01;9,26,27/02	95066	11	41,44,48,51/01;4,10,13, 14,15,16,18,19,20,41, 43/02
76151	7	5.22/02	91289	19	13,19,20/02	93220	6	44,47/01;17,27,34/02	95067	13	41,48,51/01;18,41/02
76161	10	9.40/02	91292	4	42/01	93240	11	44/01;17,34/02	95068	1	45,51/01;41,42/02
76170	7	29/02	91294	8	39,42/01;10,14/02	93243	6	48/01;42/02	95080	13	39,41/01;8,10,13,16,18, 25,27,30,33,40/02
76171	10	39/01;9/02	91297	9	39,42/01;10,14/02	93245	6	44/01	95082	9	39,51/01;10,13,19,21,25, 27,30,33/02
76180	1	2.4,6,18,22,23/02	91300	3	38,40,48/01;10,21,22/02	93247	4	26/02	95083	8	39/01;21,25,33/02
81001	1	47/01	91309	4	13/02	93260	8	44/01;27,31/02	95084	7	41/01;15,16,18/02
81002	6	18/02	91314	3	40/01	93261	5	44/01;31/02	95085	4	41/01;15/02
81023	5	18/02	91326	2	40/01	93360	5	38/02	95086	5	15/02
81048	8	14/02	91330	1	40,44/01	93385	6	6,18/02	95087	3	43,51/01;4,19,21,25,33, 40/02
81054	12	44/01;14,29/02	91331	3	38,39,40,48/01;10,21/02	91400	2	43/01;10/02	95100	12	41,46/01;7,8,9,10,13,14, 15,16,18,38,39,43/02
81063	5	2/02	91338	2	39,40/01	91407	2	43/01;10/02	95101	8	8,13,14,15,39/02
81092	3	38/02*	91340	3	40,43,45,47/01;11,19, 21/02	92010	3	40,45/01;19/02	95102	8	46/01;8,10,13,38,42/02
81187	5	45/01	91360	2	38,41,48/01;11/02	92020	2	45,47/01;19/02	95103	8	8,13,42,43/02
81327	4	45/01	91380	2	41,43/01	92025	3	39,40,41,43,47/01;10,11, 13,21/02	95120	7	6,13,17,20,21,42,43/02
81345	3	45/01	91400	2	43/01;10/02	92030	4	38,39,40,41,47/01;7,10, 11,19,21/02	95138	8	45/01
81711	6	23/02	91407	2	43/01;10/02	92033	5	45,52/01	95140	15	46/01;7,8,10,14,15,18,22, 38,40,41/02
81715	4	23/02	92010	3	40,45/01;19/02	92040	2	40/01	95141	8	39,44/01;7,14/02
82015	13	22/02	92020	2	45,47/01;19/02	92050	1	43/01	95142	9	15*,18,19/02
82020	7	22/02	92025	3	39,40,41,43,47/01;10,11, 13,21/02	92060	3	40,47/01;21/02	95143	11	39,45,51/01;4,15,18, 40/02
82030	8	39/01;12,18/02	92030	4	38,39,40,41,47/01;7,10,	92061	3	40,41,41/01;21/02	95144	9	45/01;8,10,19,38,41/02
82200	2	49/01	92070	3	41,43,47/01	92070	3	41,43,47/01	95146	14	45,46,51/01;7,10,19,36, 38,39,40,41/02
82210	2	42/02	92090	2	41,48/01	92110	3	48/01	95147	13	46,51/01;7,39,41/02
82242	1	35/02	92110	3	48/01;13/02	92115	1	13,15/02	95149	9	39/01;15,18,22,34,36,37,
82244	5	35,42/02	92120	3	43/01;5/02	92120	3	43/01;5/02	95152	5	37,38/02
82253	7	49/01;35/02	92120	3	43/01;5/02	92200	4	40,47/01;21/02	95153	2	15,22,34,36,37,38,43/02
82374	9	22/02	92205	1	43/01	92206	3	40,47/01;21/02	95160	13	39,40/01;4,7,8,9,15,27, 41,42/02
82377	2	22/02	92240	3	45/01	92240	3	45/01	95161	16	48*,51/01;4,27,31,40/02
82580	2	19/02	92240	3	45/01	92240	3	45/01	95162	2	39/01;20,40/02
82646	2	48/01;19,33/02	92240	3	45/01	92240	3	45/01	95163	2	44,46/01;27/02
82649	5	42,48/01;3,18,20,33/02	92240	3	45/01	92240	10	43,48/01;33/02	95164	4	43/02
82694	6	38/02	92240	3	45/01	92240	7	40,42/02	95167	10	46/01
82697	6	38/02	92240	3	45/01	92240	8	48/01;14/02	95169	2	4/02
83020	8	7/02	92240	3	45/01	92240	13	48/01;30,37/02	95173	1	15,16,17/02
83021	1	25,27,43/02	92240	3	45/01	92240	13	48/01;30,37/02	95174	1	17/02
83023	4	25,27,43/02	92240	3	45/01	92240	13	48/01;30,37/02	95176	2	39/01;16,20,31/02
83024	2	42/01	92240	3	45/01	92240	13	48/01;30,37/02	95177	1	44/01;18,41/02
83025	1	42,48/01	92240	3	45/01	92240	13	48/01;30,37/02	95180	11	43/01;9,15,17,18,27,40, 42/02
83026	32	18,41/02	92240	3	45/01;3/02	92240	5	42/01;1;2,5,19,33,35/02	95185	2	39/01;20,31,40/02
83032	1	18/02	92260	2	45/01	92280	2	45/01	95186	2	39/01;15,18,22,34,36,37, 38,41,43/02
83034	1	39/01;12/02	92280	2	45/01;3,19/02	92290	2	41,43/01;7,11/02	95187	2	44,46/01;27,31,40/02
83039	11	9,12,41/02	92290	2	41,43/01;7,11/02	92293	2	43/01;7,11/02	95188	2	44,46/01;27,31,40/02
83252	8	18/02	92296	3	43/01	92310	3	43/01;7,11/02	95189	2	44,46/01;27,31,40/02
83253	2	18/02	92310	4	39,43,48/01;5,11,13/02	92320	4	41,43,48/01;7,10,11/02	95190	2	44,46/01;27,31,40/02
83255	2	42/01	92320	4	41,43,48/01;7,10,11/02	92330	3	41,43/01	95191	2	44,46/01;27,31,40/02
83382	9	48/01;20,25,27/02	92330	4	41,43/01	92350	4	47/01	95192	2	44,46/01;27,31,40/02
83383	2	48/01;20,25,27/02	92350	4	47/01	92356	2	47/01	95193	2	44,46/01;27,31,40/02
83385	19	20,27/02	92356	2	47/01	92360	3	48/01	95194	2	44,46/01;27,31,40/02
83392	5	31/02	92360	3	48/01	92370	2	48/01	95195	2	44,46/01;27,31,40/02
83393	2	N31/02	92370	3	48/01	92380	3	41,48/01;7,10,11/02	95196	2	44,46/01;27,31,40/02
83397	6	8,18/02	92380	3	41,48/01;7,10,11/02	92450	3	38,40/01;7,21/02	95197	1	44/01;18,41/02
83425	6	3,20,35/02	92450	3	38,40/01;7,21/02	92470	3	39,47/01	95198	11	43/01;9,15,17,18,27,40, 42/02
83484	10	1/02*	92470	3	39,47/01	92470	3	39,47/01	95199	2	39/01;20,31,40/02
83495	7	42/01	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95200	4	44,46/01;27,31,40/02
83500	1	9,12/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95201	2	44,46/01;27,31,40/02
83560	3	9/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95202	4	44,46/01;27,31,40/02
83570	2	39/01;5,24/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95203	4	44,46/01;27,31,40/02
83572	1	24/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95204	4	44,46/01;27,31,40/02
83574	2	39/01;5/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95205	4	44,46/01;27,31,40/02
83580	2	12,24/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95206	4	44,46/01;27,31,40/02
83633	4	40/01	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95207	4	44,46/01;27,31,40/02
83637	4	40/01	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95208	4	44,46/01;27,31,40/02
91005	6	7,10,11/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95209	4	44,46/01;27,31,40/02
91008	1	12,29/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95210	4	44,46/01;27,31,40/02
91010	6	29/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95211	4	44,46/01;27,31,40/02
91020	5	38,39,40,43,45,48/01;10, 19,21,22/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95212	4	44,46/01;27,31,40/02
91025	8	40,41,47/01;7,10,21, 22/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95213	4	44,46/01;27,31,40/02
91030	3	38,40,41,43,47/01;7,10, 11,21/02	92470	4	44,48/01;7,10/02	92470	4	44,48/01;7,10/02	95214	4	44,46/01;27,31,40/02
91040	1	43,48/01;10,11/02	92470	4	44,48/01;7,10						

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 38/01 THROUGH NM 43/02

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
96043	8	51/01;16/02	97154	2	36/02	97320	6	52/01;33/02
96044	10	49,51,52/01;1,8,29,30/02	97155	14	2,20,31,35,36,37,39, 40/02	97340	8	27,33,38/02
96060	7	46/01	97156	6	45/01;2,21,37/02	97341	9	2,27,34/02
96080	6	46/01	97157	1	35,37/02	97342	14	27,38/02
96100	2	46/01	97158	4	39/01	97343	12	38/01;27,38/02
96120	6	46/01;30/02	97159	6	39/01;33,39/02	97360	6	39/01;20,23,27,38/02
96130	2	46/01;9/02	97163	14	39/01;23/02	97380	7	39/01;21,39/02
96140	5	46,49/01;30/02	97164	1	39/01	97381	7	39,49/01;27/02
96141	4	9/02	97166	1	33/02	97382	2	41/02
96181	5	9/02	97167	2	23,33/02	97383	16	49/01;31/02
96200	5	8,9/02	97180	6	39,40,42,52/01;8,9,11,22, 31,34,39,43/02	97385	10	31/02
96240	4	51/01;8,11/02	97181	20	39,40,42,46,51,52/01;8,9, 11,18,22,25,31,34/02	97389	1	45/01;39/02
96300	4	11,12/02	97182	13	40,50,52/01;11,18,21,23, 31,34,39/02	97390	5	7,31,39,40/02
96320	4	12/02	97183	9	39,46/01;25/02	97391	26	31/02
96340	4	52/01;12/02	97184	15	46/01;25,28/02	97392	5	39,49,52/01;21/02
96360	4	42,43/01;12/02	97185	2	43/02	97396	14	51,52/01;7,18,21,36,39, 40/02
96379	1	42,43/01	97187	3	39,46/01	97397	7	52/01;3,8,18,25,39/02
96381	2	42,44/01	97188	2	50,52/01	97398	3	51/01;21,25/02
96382	2	43,44/01	97189	2	39,46/01;25,28/02	97400	3	25,26/02
96400	4	43/01	97190	2	40,42/01;8,9,22,34,39/02	97410	8	44,45,49,52/01;11,21/02
96441	1	43/01;41/02	97192	9	52/01;11/02	97412	7	40/02
96460	2	45/01	97194	15	43/02	97420	17	38,40,43,46,51/01;8,9,21, 34,39,42/02
96480	3	6,7,8,41/02	97195	1	39,46/01;25,28/02	97421	13	45/01;20,35,36/02
96500	6	6,8,41/02	97196	2	40,42/01;8,9,22,34,39/02	97423	2	45/01;20,35,36/02
96521	3	N19/02*	97200	9	52/01;11/02	97425	6	38,40,43,46,52/01;10,34, 39/02
96640	5	6/02	97202	15	43/02	97440	8	20,23,27/02
96645	1	26/02	97204	9	39,40/01;2,10,28,29/02	97441	5	20/02
96760	4	5,7,29,35/02	97206	2	10,12/02	97446	7	40/01;40/02
96762	3	29/02	97207	3	11/02	97447	9	38,40,42,43,49/01;4,5,21/02
96763	7	52/01;29,43/02	97218	3	10,21,41/02	97450	3	38,40,42,43,49/01;5, 21/02
96764	2	5,19/02	97219	4	51,52/01;1,10,12,21,25, 31/02	97456	9	38,40,42,43,49/01;5, 21/02
96780	4	4,11/02	97220	3	39,40,42,43,46,47,50, 51/01;2,7,8,21,24,31,37, 39,42,43/02	97466	2	42,46/01;5,25/02
96800	4	19*;41/02	97221	20	38,39,40,43,51/01;1,2,7, 8,10,11,21,24,31,37,39, 42/02	97469	10	40,42,43,52/01;7,26/02
96820	4	6/02	97222	12	38,40/01;11,25,28/02	97471	5	N42,N43,N52/01;N7, N31/02
96840	3	6,19/02	97223	3	40/01;8,42/02	97472	8	42,43/01;6,7,34/02
96860	3	6/02	97224	6	11,18,25,27/02	97473	7	5/02
96880	6	6,7,8/02	97225	31	39,40,42,43,46,51/01;2,7, 8,11,21,24,37,39,42/02	97474	7	43/01;21/02
96881	2	7/02	97226	7	39/01;17/02	97480	7	39/01;12,21,35/02
96882	4	51/01;7,8/02	97227	11	43,50/01;21,24,42,43/02	97481	6	10/02
96883	9	47,51/01;7/02	97228	15	43,50/01;2,21,28,30,39, 40,42,43/02	97483	7	39/01
96900	4	5,7/02	97229	12	38,41,47,51/01;2,7,8,18, 24,27,31,36,39/02	97521	6	19,42/02
96901	3	5,7,19,27/02	97230	18	39,40,41/01;2,29,36/02	800669	8	N41/01;N20/02
96902	2	5,7/02	97231	11	10,21,41/02	800744	1	N22/02
96904	2	5,27,41/02	97232	8	39,47/01;4,15,20,25/02	800778	2	N48/01
96906	2	27/02	97233	11	46/01;31,33,43/02	801217	1	N42,N43/01;N5,N6,N7, N21/02
96910	1	6,7,8/02	97234	17	46/01;29,43/02	801885	3	N28/02
96937	2	40/02	97235	1	46/01	801959	2	N46/01;N10/02
96938	4	9/02	97236	20	46/01;31/02	802184	4	N38/01
96939	3	41/01	97237	10	46/01;31,33/02	802202	8	N14,N23,N31,N35/02
96942	9	41/01	97241	6	39,50/01	802260	5	N20/02
96945	3	43/02	97243	8	46/01;21,28,29,31,33/02	802266	1	N47/01*
96960	3	9/02	97245	11	40,43/01;7,17,28,36/02	803321	1	N45/01
96962	4	19,30,35/02	97246	7	43/02	803404	2	N26/02
97005	9	51/01	97247	8	46/01;21,28,29,31,33/02	804037	1	N28/02
97015	10	51/01	97255	1	46/01	804059	2	N20/02
97021	7	2,16/02	97256	20	46/01;31/02	804567	4	N17/02
97026	10	23/02	97259	10	46/01;31,33/02	805647	2	N37/02
97029	3	19/02	97261	15	39,49/01;10,17,18,41/02	807861	2	N27/02
97040	5	43/02	97262	10	46/01;21,29,34/02	808528	1	N25/02
97042	7	46/01	97263	10	46/01	809310	9	N13,N18,N39/02
97043	2	46/01;17,23/02	97266	5	39,46,49/01;10,17,37, 41/02	809679	2	N25/02
97060	8	9/02	97267	16	17,18,25,29,40,41/02	809789	2	N48/01
97062	12	44/01;8,9,27/02	97269	11	20/02			
97063	1	45/01	97270	6	36/02			
97064	2	44/01;8,9/02	97271	12	45/01;17,18,25,29,37, 39/02			
97080	5	51/01;9/02	97272	11	45/01;19/02			
97082	5	24/02	97273	10	19,27,34,42/02			
97083	3	9,24/02	97274	19	43/01;19,27,31,34,39/02			
97100	4	51/01;20,28,42/02	97276	1	27,29,40/02			
97101	1	28/02	97277	11	39/01;10,17,27/02			
97104	4	51/01;8,10,20/02	97278	11	39/02			
97105	3	51/01;8,10,20/02	97279	9	27/02			
97120	6	39/01;2,15,22,28,31,37, 40,42,43/02	97281	2	41/02			
97140	17	39/01;2,10,15,22,33,37, 39,43/02	97285	6	42,43,44/01;10,19,23,27, 31,34,42/02			
97141	5	13*,19,21,40/02	97286	6	42,43,44/01;10,11,21,23, 25,27,31,34,35,36,41, 42/02			
97143	11	41/01;2,21,31,43/02	97287	5	43/01;11,34/02			
97144	13	41/01;21,27,31,36,43/02	97300	6	12/02			
97145	1	39,52/01;2,15,22,43/02	97303	3	47,51/01;18,25/02			
97146	9	41/01						
97148	9	21*,23/02						
97149	20	41,45/01;25,34,35/02						
97150	13	41/01;34,39,43/02						
97151	16	41/01;31,35/02						
97152	8	37/02						
97153	7	31/02						

**SECTION II****NM 43/02****NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS**

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
	REGION 1							
11XHA11411 (7642014007673)	Tampa Bay to Port Richey  (New edition due to numerous general changes)	40,000	<u>14</u>	<u>8/02</u>	NOS	1-92	43/02	
12AHA12228 (7642014010304)	Pocomoke and Tangier Sounds  (New edition due to various general changes)	40,000	<u>29</u>	<u>8/02</u>	NOS	1-92	43/02	

Price Categories effective 1 October 2002

A    17.75	E    9.00	G    4.50	I    26.25
D    10.75	F    9.00	H    2.50	R    2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

## NAVIGATION PUBLICATIONS

## SAILING DIRECTIONS CORRECTIONS

PUB 120            2 Ed 2001            LAST NM 42/02

Page 204—Line 1/L to Page 206—Line 10/L; read:

## 1. Army Controlled Area:

**Area R-77.**—An area bound by the following points:

- a. 38°32'N, 128°25'E.
- b. 38°34'N, 128°31'E.
- c. 38°32'N, 128°32'E.
- d. 38°30'N, 128°31'E.

## 2. Navy Controlled Areas:

**Area R-72.**—An area bound by the following points:

- a. 34°18'N, 128°00'E.
- b. 34°18'N, 128°35'E.
- c. 34°00'N, 128°35'E.
- d. 34°00'N, 128°00'E.

**Area R-99.**—An area bound by the following points:

- a. 34°45'N, 128°45'E.
- b. 34°48'N, 129°00'E.
- c. 34°37'N, 129°06'E.
- d. 34°20'N, 128°52'E.
- e. 34°20'N, 128°41'E.

**Area R-100.**—An area, 4 miles in radius, centered on position 34°53'N, 128°57'E.**Area R-115.**—An area bound by the following points:

- a. 37°24'00"N, 129°45'00"E.
- b. 37°13'30"N, 131°00'00"E.
- c. 36°49'00"N, 131°00'00"E.

**Area R-116.**—An area, 4 miles in radius, centered on position 37°47'55"N, 124°39'33"E.**Area R-117.**—An area, 4 miles in radius, centered on position 34°42'30"N, 125°44'00"E.**Area R-118.**—An area bound by the following points:

- a. 34°00'N, 127°40'E.
- b. 34°00'N, 128°30'E.
- c. 33°10'N, 127°50'E.
- d. 33°10'N, 127°40'E.

**Area R-119.**—An area bound by the following points:

- a. 35°47'00"N, 129°40'05"E.
- b. 35°43'00"N, 130°12'12"E.
- c. 35°37'36"N, 130°12'12"E.
- d. 35°27'56"N, 129°51'48"E.
- e. 35°28'00"N, 129°40'05"E.

**Area R-120.**—An area bound by the following points:

- a. 36°44'N, 130°25'E.
- b. 36°25'N, 130°55'E.
- c. 36°17'N, 130°55'E.
- d. 36°02'N, 130°29'E.
- e. 36°02'N, 130°25'E.

**Area R-121.**—An area bound by the following points:

- a. 38°25'N, 128°45'E.
- b. 38°25'N, 129°30'E.
- c. 38°10'N, 129°30'E.
- d. 38°10'N, 129°00'E.
- e. 38°17'N, 129°00'E.
- f. 38°17'N, 128°45'E.

**Area R-123.**—An area bound by the following points:

- a. 36°00'N, 125°00'E.
- b. 36°00'N, 125°30'E.
- c. 35°35'N, 125°30'E.
- d. 35°35'N, 125°00'E.

**Area R-124.**—An area bound by the following points:

- a. 37°06'N, 125°42'E.
- b. 37°06'N, 126°10'E.
- c. 36°55'N, 125°57'E.
- d. 36°55'N, 125°42'E.

**Area R-125.**—An area, 5 miles in radius, centered on position 34°33'N, 125°21'E.**Area R-126.**—An area bound by the following points:

- a. 34°00'N, 125°48'E.
- b. 34°00'N, 126°00'E.
- c. 33°30'N, 126°00'E.
- d. 33°30'N, 125°48'E.

**Area R-128.**—An area bound by the following points:

- a. 33°00'N, 126°37'E.
- b. 32°40'N, 126°45'E.
- c. 32°40'N, 126°28'E.

**Area R-131.**—An area bound by the following points:

- a. 37°57'19"N, 124°34'15"E.
- b. 37°57'16"N, 124°38'07"E.
- c. 37°54'32"N, 124°38'04"E.
- d. 37°54'36"N, 124°34'12"E.

**Area R-132.**—An area bound by the following points:

- a. 37°57'00"N, 124°41'00"E.
- b. 37°57'00"N, 124°44'00"E.

**PUB 120 (Continued)**

- c.  $37^{\circ}45'00"N, 124^{\circ}50'00"E$ .
- d.  $37^{\circ}45'00"N, 124^{\circ}47'00"E$ .

**Area R-133.**—An area, 2 miles in radius, centered on position  $37^{\circ}22'20"N, 126^{\circ}11'35"E$ .

**3. Air Force Controlled Areas:**

**Area R-74.**—An area bound by the following points:

- a.  $36^{\circ}52'N, 130^{\circ}00'E$ .
- b.  $36^{\circ}50'N, 130^{\circ}13'E$ .
- c.  $36^{\circ}44'N, 130^{\circ}25'E$ .
- d.  $36^{\circ}02'N, 130^{\circ}25'E$ .
- e.  $36^{\circ}02'N, 130^{\circ}00'E$ .

**Area R-80.**—An area bound by the following points:

- a.  $36^{\circ}35'N, 124^{\circ}50'E$ .
- b.  $36^{\circ}35'N, 125^{\circ}42'E$ .
- c.  $36^{\circ}05'N, 125^{\circ}42'E$ .
- d.  $36^{\circ}05'N, 124^{\circ}50'E$ .

**Area R-84.**—An area bound by the following points:

- a.  $35^{\circ}15'N, 124^{\circ}50'E$ .
- b.  $35^{\circ}15'N, 125^{\circ}42'E$ .
- c.  $34^{\circ}50'N, 125^{\circ}42'E$ .
- d.  $34^{\circ}50'N, 124^{\circ}50'E$ .

**Area R-88.**—An area bound by the following points:

- a.  $37^{\circ}06'00"N, 124^{\circ}50'00"E$ .
- b.  $37^{\circ}10'10"N, 125^{\circ}36'00"E$ .
- c.  $36^{\circ}35'00"N, 125^{\circ}36'00"E$ .
- d.  $36^{\circ}35'00"N, 124^{\circ}50'00"E$ .

**Area R-97A.**—An area bound by the following points:

- a.  $36^{\circ}20'N, 126^{\circ}31'E$ .
- b.  $36^{\circ}18'N, 126^{\circ}35'E$ .
- c.  $36^{\circ}02'N, 126^{\circ}24'E$ .
- d.  $36^{\circ}13'N, 126^{\circ}11'E$ .

**Area R-97B.**—An area bound by the following points:

- a.  $36^{\circ}20'00.0"N, 125^{\circ}57'00.0"E$ .
- b.  $36^{\circ}20'00.0"N, 126^{\circ}10'00.0"E$ .
- c.  $36^{\circ}22'07.5"N, 126^{\circ}14'43.7"E$ .
- d.  $36^{\circ}21'22.5"N, 126^{\circ}30'07.6"E$ .
- e.  $36^{\circ}14'00.0"N, 126^{\circ}38'00.0"E$ .
- f.  $35^{\circ}53'00.0"N, 126^{\circ}22'00.0"E$ .
- g.  $36^{\circ}12'00.0"N, 126^{\circ}03'00.0"E$ .
- h.  $36^{\circ}14'00.0"N, 125^{\circ}57'00.0"E$ .

**Area R-97C.**—An area bound by the following points:

- a.  $36^{\circ}21'29.5"N, 126^{\circ}22'54.6"E$ .
- b.  $36^{\circ}21'22.5"N, 126^{\circ}30'07.6"E$ .
- c.  $36^{\circ}14'00.0"N, 126^{\circ}38'00.0"E$ .
- d.  $35^{\circ}41'00.0"N, 125^{\circ}44'00.0"E$ .
- e.  $35^{\circ}51'00.0"N, 125^{\circ}35'00.0"E$ .

**Area R-97D.**—An area bound by the following points:

- a.  $36^{\circ}21'17.5"N, 126^{\circ}24'43.7"E$ .
- b.  $36^{\circ}21'22.5"N, 126^{\circ}30'07.6"E$ .
- c.  $36^{\circ}14'00.0"N, 126^{\circ}38'00.0"E$ .
- d.  $35^{\circ}35'00.0"N, 126^{\circ}06'00.0"E$ .
- e.  $35^{\circ}42'00.0"N, 125^{\circ}52'00.0"E$ .

**Area R-104.**—An area, 5 miles in radius, centered on position  $35^{\circ}32'51"N, 126^{\circ}26'26"E$ .

**Area R-105.**—An area, 11 miles in radius, centered on position  $35^{\circ}53'26"N, 126^{\circ}04'36"E$ .

**Area R-107.**—An area bound by the following points:

- a.  $38^{\circ}08'N, 129^{\circ}51'E$ .
- b.  $38^{\circ}08'N, 130^{\circ}10'E$ .
- c.  $37^{\circ}39'N, 130^{\circ}10'E$ .
- d.  $37^{\circ}42'N, 129^{\circ}51'E$ .

**4. Agency for Development Controlled Areas:**

**Area R-108A (No. 1 Firing Range).**—An area bound by the following points:

- a.  $36^{\circ}40'46.3"N, 126^{\circ}09'16.7"E$ .
- b.  $36^{\circ}40'36.3"N, 126^{\circ}11'58.7"E$ .
- c.  $36^{\circ}33'08.4"N, 126^{\circ}13'49.7"E$ .
- d.  $36^{\circ}32'58.4"N, 126^{\circ}09'04.7"E$ .

**Area R-108B (No. 2 Firing Range).**—An area bound by the following points:

- a.  $36^{\circ}40'46.3"N, 126^{\circ}09'16.7"E$ .
- b.  $36^{\circ}40'36.3"N, 126^{\circ}12'58.7"E$ .
- c.  $36^{\circ}29'25.4"N, 126^{\circ}15'01.7"E$ .
- d.  $36^{\circ}28'10.4"N, 126^{\circ}07'28.7"E$ .

**Area R-108C (No. 3 Firing Range).**—An area bound by the following points:

- a.  $36^{\circ}40'38.3"N, 126^{\circ}10'23.7"E$ .
- b.  $36^{\circ}34'10.4"N, 126^{\circ}17'52.6"E$ .
- c.  $34^{\circ}58'24.1"N, 126^{\circ}03'07.9"E$ .
- d.  $35^{\circ}01'19.0"N, 125^{\circ}42'50.0"E$ .
- e.  $36^{\circ}38'10.3"N, 125^{\circ}59'52.8"E$ .

**Area R-108D (No. 4 Firing Range).**—An area bound by the following points:

- a.  $36^{\circ}40'46.3"N, 126^{\circ}09'16.7"E$ .
- b.  $36^{\circ}40'36.3"N, 126^{\circ}11'52.7"E$ .
- c.  $36^{\circ}21'40.5"N, 126^{\circ}09'07.7"E$ .
- d.  $36^{\circ}23'10.5"N, 126^{\circ}00'22.8"E$ .

**Area R-108E (No. 5 Firing Range).**—An area bound by the following points:

- a.  $36^{\circ}40'39.3"N, 126^{\circ}10'03.7"E$ .
- b.  $36^{\circ}41'11.3"N, 126^{\circ}11'59.7"E$ .
- c.  $36^{\circ}36'57.4"N, 126^{\circ}15'54.7"E$ .
- d.  $36^{\circ}33'36.4"N, 126^{\circ}15'54.7"E$ .
- e.  $36^{\circ}33'34.4"N, 126^{\circ}13'42.7"E$ .

**PUB 120 (Continued)**

**Area R-108F (No. 6 Firing Range).**—An area bound by the following points:

- a. 36°40'46.3"N, 126°09'16.7"E.
- b. 36°40'36.3"N, 126°11'52.7"E.
- c. 36°17'19.5"N, 126°00'32.8"E.
- d. 36°18'10.5"N, 125°56'37.8"E.

**5. National Maritime Police Controlled Areas:**

**Area Sokcho.**—An area, 5 miles in radius, centered on position 38°11'09.8"N, 128°49'51.6"E.

**Area Tonghae.**—An area, 5 miles in radius, centered on position 37°40'10.1"N, 129°15'51.5"E.

**Area Pohang.**—An area bound by the following points:

- a. 37°04'10.4"N, 129°59'51.3"E.
- b. 36°25'10.8"N, 131°11'51.0"E.
- c. 36°00'10.9"N, 130°51'51.2"E.
- d. 36°08'10.8"N, 129°59'51.4"E.

**Area Ulsan.**—An area, 5 miles in radius, centered on position 35°35'50.0"N, 129°42'55.6"E.

**Area Pusan.**—An area, 4 miles in radius, centered on position 34°53'11.3"N, 128°56'51.9"E.

**Area Tongyong.**—An area, 5 miles in radius, centered on position 34°38'31.4"N, 128°27'52.1"E.

**Area Yosu.**—An area, 5 miles in radius, centered on position 34°29'56.4"N, 128°04'52.2"E.

**Area Wando.**—An area, 5 miles in radius, centered on position 34°04'11.5"N, 126°51'52.7"E.

**Area Cheju.**—An area, 5 miles in radius, centered on position 33°40'11.6"N, 126°17'52.9"E.

**Area Mokpo Entrance.**—An area, 5 miles in radius, centered on position 34°45'34.2"N, 126°13'23.8"E.

**Area Mokpo-L.**—An area, 4 miles in radius, centered on position 34°33'N, 125°21'E.

**Area Mokpo (Yongkwang).**—An area, 3 miles in radius, centered on position 35°24'10.9"N, 126°14'52.8"E.

**Area Mokpo (Uido).**—An area, 4 miles in radius, centered on position 34°25'11.3"N, 125°54'53.0"E.

(Supplement to ROK Annual Notice

No. 1 of 2002) 43/02

**PUB 126**

**7 Ed 2002**

**LAST NM 42/02**

Page 95—Lines 18 to 20/L; read:

Anchorage is prohibited within the area of an arc extending 1.5 miles S and SE from Lighted Buoy R2 (16°42.7'N, 169°31.0'W).

(PUBS 028/2002)

43/02

**PUB 131 9 Ed 2000****LAST NM 40/02**

Page 183—Line 26/L; insert after:

A Vessel Traffic Service has been established in Cagliari Roads. Three convergence points have been established to permit local authorities to conduct radar tracking and authorize vessel movement in the area. These points are P for vessels bound for the commercial port, Y for vessels bound for Porto Industriale, and Q for vessels enroute Sarroch Oil Terminal. All points are charted. Vessels closing these points must report to the Operations Center or pilots on VHF channels 14 or 16.

(BA NP 286(3))

43/02

Page 191—Lines 54 to 58/R; strike out.

(8)(3)02 Genova)

43/02

**PUB 140 2 Ed 2001****LAST NM 42/02**

Page 59—Line 9/L; read:

**Regulations**

**60**

**Search and Rescue**

**60**

(NIMA)

43/02

Page 60—Line 1/L; read:

**Regulations**

Vessels navigating in Estonian waters are obliged to observe the requirements of MARPOL 73/78 and the Helsinki Convention of 1974, wherein the Baltic Sea is defined as a Special Area.

Vessels causing any form of marine pollution or damage to the environment may be arrested and detained by Estonian authorities.

Reports, with full details, of any infringements of Estonian or international regulations should be sent to the Estonian National Maritime Board.

Estonia prohibits the transport of certain hazardous substances through its territorial waters unless bound for Estonia. This list includes radioactive materials, explosives, infectious substances, hazardous marine pollutants, some MARPOL categories of chemicals, certain crude or persistent oil products, and some fertilizers.

**Search and Rescue**

(BA NM 31/02, Section IV)

43/02

Page 161—Lines 32 to 33/R; read:

Compulsory pilotage in the Netherlands depends on the destination, the fairway, the vessel's measurements, the cargo, and if exemption/compensation has been given to certain vessels

(BA NM 38/02, Section VI)

43/02

**PUB 142****8 Ed 2000****LAST NM 15/02**

Page 57—Line 56/R; insert after:

**Black Rock** ( $53^{\circ}14.5'N.$ ,  $9^{\circ}07.0'W.$ ), on which stands a beacon, which has a red metal, cage topmark, is marked by Black Rock Lighted Buoy.

**Caution.**—It has been reported that vessels navigating with radar have mistaken the beacon on Black Rock for the Black Rock buoy, and mariners are cautioned to positively identify these features.

(BA NM 3/02)

43/02

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
95	<b>Wood Island Light</b>	43 27 24 N 70 19 42 W	AI W G 10s	71	W 18 G 16	White conical tower connected to dwelling.	Emergency light (Fl G 10s) of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
					*		43/02
10500	Pitchers Shoal Buoy PS					Green can with red bands.	
		*					43/02
10845	- MOORING DOLPHIN LIGHT N Marks north end of dolphin cluster.						Remove from list.
					*		43/02
10850	- MOORING DOLPHIN LIGHT S Marks south end of dolphin cluster.						Remove from list.
					*		43/02
21200	<i>CLIS Dumping Ground Lighted Buoy CDA</i>	41 09 13 N 72 52 30 W	Fl Y 4s		5	Yellow.	Maintained from Oct. 1 to Jun. 1. U.S. Army maintained.
		*					43/02
21370	<i>Western Long Island Sound Dumping Ground Lighted Buoy WDA</i>	40 59 11 N 73 28 43 W	Fl Y 4s		6	Yellow.	Maintained from Oct. 1 to June 1. U.S. Army maintained.
		*					43/02
21830	<i>New London Dumping Ground Lighted Buoy NDA</i>	41 16 14 N 72 04 53 W	Fl Y 4s			Yellow.	Maintained from Oct. 1 to June 1. U.S. Army maintained.
		*					43/02

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7415	- <i>Lighted Buoy 59</i> 75 feet outside channel limit.		Fl G 2.5s		4	Green.	Replaced by can when endangered by ice.
					*		43/02
7420	Chesapeake Bay Buoy 59A	37 40 47 N 76 11 29 W				Green can.	
		*					43/02
9565	- Buoy 6	36 54 40 N 76 19 48 W				Red nun.	
		*					43/02

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Delete Heading: *Craney Island Disposal Area</b>							
9570	- Buoy 8						<i>Remove from list.</i>
<b>*Add Heading: *Craney Island Disposal Area</b>							
9575	- North Range Front Daybeacon	36 53 57 N 76 20 54 W		17		KRW on pile.	Maintained by Corps of Engineers.
10700	- LIGHT 11 120 feet outside channel limit.		Fl G 4s	15	4	SG on pile.	43/02
<b>Nansemond River</b>							
11060	- CHANNEL LIGHT 11		Fl G 4s	18	4	SG on multi-pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
11100	- CHANNEL LIGHT 19		Fl G 4s	15	4	SG on slatted pile structure.	Light equipment removed from Dec. 1 to Mar. 15.
19055	TOWN CREEK LIGHT 2	38 18 55 N 76 28 45 W	Fl R 4s	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
*							
*28962.1	- Buoy 25					Green can.	43/02
*28977	- Buoy 31A					Green can.	43/02
*29983	- Buoy 1B					Green can.	43/02
31960	ROANOKE ISLAND WEST SIDE LIGHT 2		Fl R 2.5s	15	3	TR on pile.	Light equipment removed when endangered by ice.
33565	LONG BAY LIGHT 2	34 58 10 N 76 25 29 W	Fl R 2.5s	15	4	TR on pile.	43/02
33810	- ENTRANCE LIGHT 3	34 55 25 N 76 45 34 W	Fl G 4s	15	4	SG on pile.	43/02

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Neuse River</b>							
33965	- CHANNEL LIGHT 11		Q G	15	4	SG on multi-pile structure.	
	*			*			43/02
33970	- Channel Daybeacon 13					SG on pile.	
	*						43/02
37195	- LIGHT 11		Fl G 4s	15	4	SG-SY on pile.	
				*			43/02
*37622	- Daybeacon 119					SG on pile.	
							43/02
38300	- LIGHT 3		Fl G 2.5s	15	3	SG-SY on pile.	
				*			43/02

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3775.5	- Daybeacon 3A					SG on pile..	
	*				*		43/02
*14057	- Daybeacon 2A					TR on pile.	Private aid.
							43/02
*14059	- Daybeacon 3					SG on pile.	Private aid.
							43/02
*14067	- Daybeacon 6					TR on pile.	Private aid.
							43/02
*14343	- Daybeacon 2A					TR on pile.	Private aid.
							43/02
<b>Cut C Channel</b>							
22580	- LOWER RANGE FRONT LIGHT	27 40 14 N 82 36 17 W	Q R	26	5	KRW on pile.	Visible all around; higher intensity on rangeline.
	*			*			43/02
*23127	- Daybeacon B					NY on pile.	Private aid.
							43/02
*23128	- Daybeacon C					NY on pile.	Private aid.
							43/02
*23129	- Daybeacon D					NY on pile.	Private aid.
							43/02

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Add Heading: *McKay Bay</b>							
*23617	- Daybeacon A				NY on pile.		Private aid.  43/02
38355	- Daybeacon 2					Remove from list.	*
51773	Kreamer Shoal Daybeacon On end of shoal.					Remove from list.	*
							43/02

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
36555	<i>Northern Pipeline Lighted Buoy A</i>					Remove from list.	*
36560	<i>Northern Pipeline Lighted Buoy B</i>					Remove from list.	*
							43/02

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8165	- ENTRANCE RANGE FRONT LIGHT	40 45 05 N 124 13 36 W	Oc G	20		KRW on pile.	Visible 5° each side of rangeline. Lighted throughout 24 hours.
							*
8170	- ENTRANCE RANGE REAR LIGHT 268 yards, 141.5° from front light.		Oc G 4s	38		KRW on pile.	Lighted throughout 24 hours.
							*
							43/02

#### University of California Davis

8591	- Lighted Research Buoy 1	39 06 37 N 120 04 31 W	Q Y			Yellow spar.	Private aid.  43/02
			*				
8591.1	- Lighted Research Buoy 2	39 06 34 N 120 00 39 W	Q Y			Yellow spar.	Private aid.  43/02
			*				
8591.2	- Lighted Research Buoy 3	39 09 11 N 120 00 01 W	Q Y			Yellow spar.	Private aid.  43/02
			*				

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8591.3	- Lighted Research Buoy 4	39 09 18 N 120 04 20 W	Q Y			Yellow spar.	Private aid.  * 43/02
*8591.5	- Lighted Research Buoy 6	38 59 23 N 120 03 03 W	Q Y			Yellow spar.	Private aid.  43/02
9795	- ENTRANCE RANGE FRONT LIGHT	44 48 34 N 124 03 43 W	Q R	42		KRW on skeleton tower.	Lighted throughout 24 hours.  * 43/02
9800	- ENTRANCE RANGE REAR LIGHT 16 yards, 085.5° from front light.		Iso R 6s	54		KRW on skeleton tower.	Lighted throughout 24 hours.  * 43/02
16495 17525	POINT HUDSON LIGHT 4	48 07 02 N 122 44 57 W	Iso R 6s	35	7	TR on skeleton tower.	HORN: 2 blast ev 20s (2s bl-2s si-2s bl-14s si).  * 43/02
17525 16495	POINT HUDSON LIGHT 4	48 07 02 N 122 44 57 W	Iso R 6s	35	7	TR on skeleton tower.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si).  * 43/02
21841	Stone Rock Bay Coast Guard Mooring Buoy	54 45 24 N 132 00 24 W				White sphere with blue stripe.	Maintained from Mar. 15 to Oct. 1.  * 43/02
21973	Mountain Point Daybeacon 2	55 17 36 N 131 32 35 W				TR on skeleton tower.	  * 43/02
<b>Tamgas Harbor</b>							
22010	-ENTRANCE LIGHT	55 01 18 N 131 30 48 W	Fl W 4s	30	4	NR on skeleton tower.	  * 43/02
*22142	Temp Buoy A	55 19 24 N 131 36 24 W				White with orange bands labeled "7 KTS".	  43/02
22147	SAXMAN BREAKWATER LIGHT	55 18 53 N 131 35 46 W	F R	15		On post.	Private aid.  * 43/02
*22156	Temp Buoy B	55 19 30 N 131 39 12 W				White with orange bands labeled "7 KTS".	  43/02

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22158	COAST GUARD STATION LIGHT	55 19 30 N 131 37 18 W	Fl W 4s	4		NR on skeleton tower.	
		*			*		43/02
22255	CHANNEL ISLAND LIGHT 14	55 23 42 N 131 45 54 W	Fl R 4s	24	5	TR on skeleton tower on concrete base.	Obscured from 238° to 268°.
				*			43/02
22403	CLARK BAY LIGHT 2	55 29 54 N 132 35 06 W	Fl R 2.5s	8	4	TR on skeleton tower.	Obscured from 042° to 155°.
				*			43/02
<b>Stephens Passage</b>							
23775	POINT HILDA LIGHT	58 13 00 N 134 30 24 W	Fl W 6s	20	5	NR on skeleton tower.	Obscured from 080° to 274°.
				*			43/02
24331	Mcleod Bay Coast Guard Mooring Buoy	54 41 36 N 132 41 12 W				White sphere with blue stripe.	Maintained from Mar. 15 to Oct. 1.
		*					43/02
24375	Obstruction Buoy SS	55 12 00 N 132 49 48 W				Green and red bands.	
				*			43/02
24635	KLAWOCK HARBOR ENTRANCE LIGHT 2	55 33 24 N 133 06 18 W	Fl R 4s	20	4	TR on skeleton tower on pier.	
				*			43/02
24753	- Daybeacon E	55 57 48 N 133 37 24 W				TR on pile.	
		*					43/02
27485	- South Channel Daybeacon 10	53 52 31 N 166 32 49 W		10		TR on pile structure.	
		*	*	*		*	43/02
27490	- South Channel Daybeacon 11	53 52 31 N 166 32 49 W		10		SG on pile structure..	
		*	*	*		*	43/02
27495	- South Channel Daybeacon 12	53 52 33 N 166 32 56 W		10		TR on pile structure.	
		*	*	*		*	43/02
27500	- South Channel Daybeacon 13	53 52 32 N 166 32 59 W		10		SG on pile structure.	
		*	*	*		*	43/02

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15150	LAC LA BELLE NORTH PIERHEAD LIGHT		Fl R 4s	25 8	4	TR on gray pole.	*

43/02

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## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15718 <i>J 4441.55</i>	Xcaret Range, front.	20° 35.0' N 87° 06.0' W	<b>Fl.W.</b> period 3s fl. 1s, ec. 2s	16 5	5	On building.	
			*	*	*	*	43/02
15718.5 <i>J 4441.56</i>	-Rear.	20° 35.0' N 87° 06.0' W	<b>Iso.W.</b> period 2s	36 11	5	Red metal tower; 20.	
			*	*	*	*	43/02
15719 <i>J 4441.6</i>	-Jetty, N. side.	20° 35.0' N 87° 06.0' W	<b>Fl.G.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	Green round fiberglass tower; 20.	
			*	*	*	*	43/02
15719.5 <i>J 4441.62</i>	--S. side.	20° 35.0' N 87° 06.0' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	Red round fiberglass tower; 20.	
			*	*	*	*	43/02
<b>ISLA DE COZUMEL:</b>							
15724 <i>J 4442</i>	-Punta Molas.	20° 35.2' N 86° 43.9' W	<b>Fl.(3)W.</b> period 12s	105 32	12	White round concrete tower, red bands; 105.	
	*		*	*	*	*	43/02
15732 <i>J 4443.1</i>	-San Miguel.	20° 29.0' N 86° 58.0' W	<b>Fl.(2)W.</b> period 5s	121 37	15	White truncated conical concrete tower; 118.	
	*		*	*	*	*	43/02
15735 <i>J 4445.2</i>	-Wharf, W. side.	20° 29.0' N 86° 59.0' W	<b>Fl.G.</b> period 3s fl. 0.5s, ec. 2.5s	10 3	4		
			*	*	*		43/02
15735.5 <i>J 4445.25</i>	--E. side.	20° 29.0' N 86° 59.0' W	<b>Fl.R.</b> period 3s fl. 0.5s, ec. 2.5s	10 3	4		
			*	*	*		43/02
15740 <i>J 4447.2</i>	--S. side.	20° 31.6' N 86° 56.4' W	<b>Fl.R.</b> period 5s fl. 0.5s, ec. 4.5s	26 8	6	Red round fiberglass tower; 20.	
			*	*	*		43/02
15744 <i>J 4446</i>	Punta Celarain.	20° 16.0' N 86° 59.5' W	<b>Fl.W.</b> period 5s	105 32	15	White round concrete tower; 82.	
			*	*	*		43/02
15748 <i>J 4448</i>	Tulum, Salta Iman.	20° 12.0' N 87° 26.8' W	<b>Fl.W.</b> period 6s fl. 1s, ec. 5s	75 23	12	White truncated pyramidal concrete tower; 36.	
	*		*	*	*		43/02

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## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15752 <i>J 4450</i>	Punta Allen.	19° 46.9' N 87° 28.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	72 <b>22</b>	12	White round concrete tower; 66.	
	*			*			43/02
15756 <i>J 4450.5</i>	Punta Vigia Chico.	19° 46.3' N 87° 35.1' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 <b>12</b>	10	White round concrete tower; 33.	
				*			43/02
15760 <i>J 4450.7</i>	Cayo Culebras.	19° 41.7' N 87° 28.0' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	46 <b>14</b>	10	White round concrete tower; 39.	
				*			43/02
15764 <i>J 4450.9</i>	Punta Nohku.	19° 38.7' N 87° 27.3' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	39 <b>12</b>	10	White truncated pyramidal aluminum tower; 33.	
				*			43/02
15768 <i>J 4451</i>	Punta Pajaros.	19° 35.8' N 87° 24.8' W	Fl.W. period 6s fl. 1s, ec. 5s	36 <b>11</b>	10	Truncated pyramidal aluminum tower; 30.	
				*			43/02
15772 <i>J 4453</i>	Punta Owen.	19° 19.7' N 87° 26.6' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	39 <b>12</b>	10	White truncated pyramidal aluminum tower; 33.	
				*			43/02
15776 <i>J 4452</i>	Punta Herrero.	19° 18.7' N 87° 26.8' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	75 <b>23</b>	12	White truncated pyramidal metal tower; 72.	
				*			43/02
15778 <i>J 4454</i>	El Ubero.	19° 04.5' N 87° 33.5' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 5s	33 <b>10</b>	8	Truncated pyramidal aluminum tower; 33.	
				*			43/02
15780 <i>J 4456</i>	Banco Chinchorro.	18° 45.8' N 87° 18.9' W	Fl.W. period 6s fl. 1s, ec. 5s	52 <b>16</b>	8	White round concrete tower; 33.	
				*			43/02

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## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15782 <i>J 4455</i>	EI Majahual.	18° 43.8' N 87° 41.8' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	33 <b>10</b>	8	Truncated pyramidal metal tower; 30.	*
15784 <i>J 4456.5</i>	Cayo Centro.	18° 35.5' N 87° 19.9' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 <b>16</b>	8	Truncated pyramidal aluminum tower; 49.	*
15788 <i>J 4457</i>	Punta Gavilan.	18° 25.2' N 87° 46.1' W	Fl.W. period 6s fl. 1s, ec. 5s	36 <b>11</b>	10	White truncated pyramidal aluminum tower; 39.	*
17536 <i>G 0012</i>	Ilha do Machadinho.	0° 10.8' S 48° 45.9' W	Fl.W. period 10s	75 <b>23</b>	11	White square metal framework tower; 66.	Visible 256°-143°.
17768 <i>G 0122</i>	Ponta de Mucuripe.	3° 43.6' S 38° 28.3' W	Fl.(2)W. period 10s fl. 0.6s, ec. 2s fl. 0.6s, ec. 6.8s	279 <b>85</b>	43	White round masonry tower, black bands; 72.	Visible 116°-318°. Q.W. 80m 23M on mast 2 miles W. Q.W. 112m 23M on mast 2.5 miles W. Radio beacon 40 meters W.
		*	*	*	*		*
							43/02

### CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*1669 <i>G 1689</i>	-Punta Quebraolas.	42° 02.2' S 72° 38.6' W	Fl.W. period 5s fl. 1s, ec. 4s	66 <b>20</b>	6	White fiberglass tower, red band; 13.	Visible 305°-163°.
							43/02
*2077 <i>G 1547.52</i>	-Punta Oldenburg.	48° 39.2' S 74° 41.1' W	Fl.G. period 5s fl. 1s, ec. 4s	16 <b>5</b>	4	Green fiberglass tower; 13.	Visible 091°-300°.
							43/02
*2078 <i>G 1547.51</i>	-Punta Millanga.	48° 42.7' S 74° 34.7' W	Fl.G. period 3s fl. 0.3s, ec. 2.7s	16 <b>5</b>	4	Green fiberglass tower; 13.	Visible 141°-327°.
							43/02
*2079 <i>G 1547.5</i>	-Cabo Nelson.	48° 40.4' S 74° 27.5' W	Fl.R. period 3s fl. 1s, ec. 2s	26 <b>8</b>	4	Red fiberglass tower; 13.	Visible 234°-065°.
							43/02

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## SECTION II

### CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
-Canal Whiteside:							
2400 -Islope Tesner. G 1443		53° 49.7' S 70° 22.8' W	Fl.W. period 3s fl. 1s, ec. 2s	20 <b>6</b>	8 13.	White fiberglass pillar, red band; Visible 314°-278°.	43/02
* * *							
QUEEN CHARLOTTE STRAIT:							
-Goletas Channel:							
12228 -Nahwitti Point, SW. side. G 5642		50° 54.3' N 127° 59.1' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	50 <b>15</b>	9	White round tower; 22.	Radar reflector.
* * *							
14706 Piedra Blanca. G 3559		27° 14.3' N 112° 06.5' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	52 <b>16</b>	10	Truncated pyramidal metal tower; 49.	43/02
* * *							
14707 La Lobera. G 3559.4		27° 16.0' N 112° 06.9' W	Fl.W. period 6s fl. 1s, ec. 5s	56 <b>17</b>	10	Truncated pyramidal metal tower; 49.	43/02
* * *							
14716 Punta Santa Agueda. G 3556		27° 18.4' N 112° 16.0' W	Fl.(4)W.R. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 <b>15</b>	10	Metal tower; 39.	R. 110°-155°, W.-110°.
* * *							
SANTA ROSALIA:							
14720 -E. outer breakwater, head. G 3554		27° 20.3' N 112° 15.6' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	36 <b>11</b>	7	White round concrete tower; 20.	43/02
* * *							
14724 -W. mole, head. G 3555		27° 20.3' N 112° 15.7' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	36 <b>11</b>	7	White round concrete tower; 20.	43/02
* * *							
14724.5 -NE. of outer breakwater. G 3555.6						Remove from list.	
* * *							
14724.6 -Range, front. G 3555.5		27° 20.5' N 112° 15.8' W	Fl.W. period 3s fl. 1s, ec. 2s	39 <b>12</b>	11	White round concrete tower; 28.	43/02
* * *							

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*14724.7 G 3555.6	--Rear, 30 yards 328° from front.	27° 20.5' N 112° 15.9' W	Iso.W. period 2s	56 17	11	White round concrete tower; 39.	43/02

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5036 F 6445.5	Kachiyama Ko, N. breakwater.	35° 06.6' N 139° 49.5' E	Iso.R. period 4s	39 12	8	Red cylindrical concrete tower; 29.	43/02
		*	*	*	*	*	
5072 F 6359	-Yokosuka Ko.	35° 14.8' N 139° 44.1' E	Fl.G. period 3s	39 12	4	White cylindrical concrete tower; 31.	43/02
		*	*	*	*		
8034 F 5549.55	Oda Wan.	34° 22.2' N 134° 12.7' E	Mo.(A)R. period 8s	26 8	6	STARBOARD (B) R, beacon, topmark; 18.	43/02
		*					
*17472	Beophwan Hang, S. breakwater.	33° 14.2' N 126° 31.0' E	Fl.G. period 6s	39 12	5	White round steel tower; 26.	43/02
*17528.7	Gamundong Hang.	33° 29.2' N 126° 23.6' E	Fl.R. period 5s	36 11	5	Red round steel tower; 26.	43/02
*25573.4 K 1300.35	Ujung Karang Labuhan Lombok.	8° 28.9' S 116° 40.4' E	Fl.G. period 3s fl. 0.5s, ec. 2.5s	16 5	5	Green beacon.	43/02

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2001 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1056 D 1156.6	-Jetee de Gourmalon.	47° 06.6' N 2° 06.5' W	Fl.(3)G. period 12s fl. 1s, ec. 1.5s fl. 1s, ec. 1.5s fl. 1s, ec. 6s	13 4	7	White post, green top; 16.	43/02
		*					
*14050.5 E 3601.7	-Center.	42° 40.1' N 18° 04.8' E	Iso. W. period 2s	164 50	5		43/02
*25049 D 8581.7	Loading Berth.	5° 10.2' N 5° 10.7' E	Mo.(U)W. period 15s	66 20	7		
	RACON	D(- - -)					

43/02

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
128 A 0094	-Looe, pier, head.	50° 21.0' N 4° 27.0' W	Oc.W.R. period 3s lt. 2s, ec. 1s	26 8	W. 15 R. 12	Red iron column; 20.	R. 207°-267°, W.-313°, R.-332°, obsc.-013°.

\* 43/02

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 43/02

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	
<b>NIMA HYDRO CATALOG CATP2V01U</b>									
Region 1	2000	34*,35,37,38,40,41, 42,43,45,46,47,50, 51/00;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 16,17,18,19,20,21, 22,23,24,25,26,28, 29,30,33,34,35,36, 37,39,40,41,42,43, 44,45,46,47,48,49, 50,52/01;1,2,3,5,6,7, 8,9,10,12,13,15,18, 19,20,21,22,23,26, 28,30,31,34,35,36, 37,38,39,41,42, 43/02		<b>SAILING DIRECTIONS</b>	SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43/02		
Region 2	2000	34*,40,43/00;4,23, 30,35,39,42,45, 46/01;5,11,13,15,19, 22,24,26,28,41/02	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00*4, 14,17,21,22,23,25, 26,28,30,31,32/01;	
Region 3	2000	34*,44,48/00;21, 40/01;17,19,40/02	SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34/02	SDPUB125	2000	6*,9,10,20,21,40/00; 36,37,45,46/01;14, 17,33,35,38,40/02	
Region 4	2000	34/00*;3/01;13, 20/02	SDPUB126	2002	39*,41,42,43/02	SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41/02	
Region 5	2000	34*,37,40,42,47/00; 2,3,4,17,20,21,29, 40,41,45/01;6,8,13, 14,19,22,29/02	SDPUB131	2000	13*,18,21,25,29,30, 33,37,51/00;4,15,19, 28,49,52/01;22,23, 24,25,26,27,32,33,	SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02	
Region 6	2000	34*,35,45,52/00*2, 14,29,36,41,46, 51/01;12,14,15,17, 19,26/02	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43/02	SDPUB141	2001	21*,38/01	
Region 7	2000	34/00*;2,10,35, 41/01;18,25/02	SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02	
Region 8	2000	34/00*;1,38/02	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	SDPUB144	2000	26*,28,32,33,38,45, 46,48,51/00;2,5,10, 27,28,29,31,38/01;	
Region 9	2000	34/00*;23,41,48/01; 13,15,18,19,21, 23/02	SDPUB147	2001	35/01*;21,22,23, 15,29/02	SDPUB148	2001	48/01*;23,24/02	
Miscellaneous Charts and Publications	2000	34*,35,36,37,39,40, 44,45,46,47,49,50, 51,52,53/00;1,2,3,4, 5,6,7,8,9,11,12,14, 15,16,17,18,19,20, 21,22,23,26,27,28, 29,30,31,32,34,35, 36,37,38,39,40,41, 42/02	SDPUB153	2000	6/01*;28,30,41/02	SDPUB154	2002	17*,19,31,42/02	
			SDPUB154	2001	31*,48/01;10/02	SDPUB155	2000	20*,27,29,33,34,35, 38,41,44,48/00;1,3, 4,6,7,11,12,13,21, 23,32,47/01;2,5,9, 13,14,20,22,27, 38/02	
			SDPUB155	2000	50/00*;5,10,12,13, 15,17,20,24/01	SDPUB156	2002	20*,21,27,31,38,46, 47,48,50,51/98;7,12, 30,35,50,51,52/99;1, 11,43,44,48,51/01;1, 7,8,13,15,21,23,25, 30/02	
			SDPUB156	1998	42/02*	SDPUB157	2001	23*,24/02	
						SDPUB158	2000	20*,21,27,31,38,46, 47,48,50,51/98;7,12, 30,35,50,51,52/99;1, 11,43,44,48,51/01;1, 7,8,13,15,21,23,25, 30/02	
						SDPUB159	2002	51/01*	
						SDPUB160	1998	20*,21,27,31,38,46, 47,48,50,51/98;7,12, 30,35,50,51,52/99;1, 11,43,44,48,51/01;1, 7,8,13,15,21,23,25, 30/02	
						SDPUB161	2002	51/01*	
						SDPUB162	2001	18*,20,21,26,02	
						SDPUB163	2002	30/00*;31,35,36/01	
						SDPUB164	2000	40*,47,48,52/01;5,9, 14,16,41/02	
						SDPUB171	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02	
						SDPUB172	2001	8*,10,17,29/00;43, 45,51,52/01;13,14, 17,22,24,26,27, 31/02	
						SDPUB173	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38/02	
						SDPUB174	2000	11,12,13,14,16,17, 21,27,37,41/02	
						SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41/02	
						SDPUB180	2002	32*,33,42/02	
						SDPUB181	2002	38*,39/02	
						SDPUB182	2001	8*,10,12,41/02	
						SDPUB183	2001	27/01*;13,15,16/02	
						SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42/02	
						SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00*4, 14,17,21,22,23,25, 26,28,30,31,32/01;	
						SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26/02	
						SDPUB194	2000	51/00*;9,11,24,26, 29,32,34,35/01;11, 14,18,19,20,22,23, 24,25,26,27,29,30, 33/02	
						SDPUB195	2002	33*,40/02	
						SDPUB200	2002	38*,39,42/02	
<b>USCG LIGHT LIST VOLUMES I - VII</b>									
							COMDTM165021	2002	30*,31,32,33,34,35, 36,37,39,40,41,42, 43/02
							COMDTM165022	2002	16*,17,18,19,20,21, 22,23,25,26,27,28, 29,30,31,32,33,34, 35,36,37,40,41,42, 43/02
							COMDTM165023	2002	35*,36,37,40,41,42, 43/02
							COMDTM165024	2002	30*,31,32,33,34,35, 36,37,40,41,42, 43/02
							COMDTM165025	2002	16/02*
							COMDTM165026	2002	35*,36,40,41,42, 43/02
							COMDTM165027	2002	16*,17,18,19,20,21, 22,23,25,27,29,30, 32,33,34,36,37,40, 43/02
<b>FLEET GUIDES</b>									
							FGPUB940ATL	2001	N47/01*
							FGPUB941PAC	2001	N22/01*
<b>NOS MISCELLANEOUS PUBLICATIONS</b>									
							NOSPCATALOG1	2000	20/00*
							NOSPCATALOG2	2000	34/00*
							NOSPCATALOG3	2000	28/00*
							NOSPCATALOG4	2000	34/00*
<b>ALMANACS</b>									
							AIRALMANAC201	2002	46/01*
							NAUTALMANAC02	2002	46/01*
<b>COAST PILOT</b>									
							NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42/02
							NOSPBCP2	31	44*,47,51,52/01;5,7, 12,13,18,23,33,37, 39,42/02
							NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42/02
							NOSPBCP4	33	35*,37,39,41,47, 51/01;1,5,7,12,15, 16,18,19,20,21,22, 23,25,27,28,30,33, 34,42/02
							NOSPBCP5	29	49*,51/01;1,6,12,13, 15,16,17,20,21,33, 34,37,39,42/02
							NOSPBCP6	32	19*,20,21,23,33,39/02
							NOSPBCP7	33	46*,47/01;1,5,12,15, 19,20,21,22,23,25, 33,34,37,39/02
							NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40/02
							NOSPBCP9	20	12*,20,23,33,37/02

## SECTION II

**PUBLICATIONS AFFECTION BY NOTICE TO MARINERS  
THROUGH NM 43/02**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
<b>RADIO NAVIGATIONAL AIDS</b> RAPUB117	2001	11*,12,13,14,15,16, 17,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,36,37,38, 39,40,42,44,47,48, 49,50/01		
<b>AMERICAN PRACTICAL NAVIGATOR</b> NVPUB9	2002	36/02*		
<b>INTERNATIONAL CODE OF SIGNALS</b> NVPUB102	1999	46/99*;52/01		
<b>WORLD PORT INDEX</b> NVPUB150	2000	50/00*,14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42/02		
<b>DISTANCES BETWEEN PORTS</b> NVPUB151	2001	4/02*		
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b> CDPUBNV1310	2001	51/01*		
<b>SIGHT REDUCTION TABLES (MARINE)</b>				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
<b>SIGHT REDUCTION TABLES (AIR)</b>				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
<b>CHART NO. 1</b> WOBZC1	1997	18/98*		
<b>CHART NO. 4</b> WOBZC4	1988	N20/89*		
<b>ATLAS OF PILOT CHARTS</b> NVPUB107	1998	30/99*		
<b>USCG NAVIGATION RULES</b> COMDTM166722D	1999	44/99*;52/00		
<b>NOS TIDE TABLES</b>				
NOSPBTTCWPACIN2	2002	N52/01*		
NOSPBTTECSTNSA2	2002	N52/01*		
NOSPBTTEURAFR2	2002	N52/01*		
NOSPBTWCSTNSA2	2002	N52/01*		
<b>TIDAL CURRENT TABLES</b>				
NOSPBTCTATCSTN2	2002	N52/01*;N9/02		
NOSPBTCTPACAS2	2002	N52/01*		

## SECTION III

NM 43/02

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 091200Z October 2002:

2001 series	219(GEN)	348(GEN)	367(GEN)	381(11,26)	384(14,51)
393(GEN)	332(GEN)	351(11)	376(GEN)	382(GEN)	
2002 series	346(GEN)	365(14)	377(14)	383(11,26)	

The summary of all NAVAREA IV messages in force as of 13 December 2001 is given in Section III of NM 52/01. Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

#### NAVAREA IV WARNINGS issued from 031200Z to 091200Z October 2002.

381/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY 07 THRU 13 OCT IN AREA BOUND BY 30-45N 080-54W, 30-45N 080-11W, 30-36N 080-11W, 30-34N 080-33W.
- B. 0400Z TO 0359Z COMMENCING DAILY 07 THRU 13 OCT IN AREA BETWEEN 29-20N 29-10N AND 079-50W 079-40W.
- C. 1300Z TO 0500Z DAILY 08 THRU 11 OCT IN AREA BETWEEN 30-00N 29-50N AND 081-00W 080-50W.
- D. 120100Z TO 120359Z OCT IN AREA BOUND BY 30-35N 081-21W, 30-35N 081-00W, 30-00N 081-02W, 30-00N 081-15W.

2. CANCEL THIS MSG 140459Z OCT.

(041841Z OCT 2002)

382/02(GEN). GPS SATELLITE SYSTEM.  
PRN 17 UNUSABLE.

(070610Z OCT 2002)

383/02(11,26). NORTH ATLANTIC.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 31 DEC BY M/V ODYSSEY IN AREA BETWEEN 30-40N 32-00N AND 079-10W 080-05W.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JAN 03.

(070740Z OCT 2002)

384/02(14,51). NORTH ATLANTIC. ORDNANCE.

1. POSSIBLE MINE ADRIFT VICINITY 39-57.3N 041-51.4W AT 071036Z OCT.
2. CANCEL THIS MSG 14 OCT.

(071140Z OCT 2002)

### SECTION III

NM 43/02

#### HYDROLANTS

Messages in force 091200Z October 2002:

2000 series	2066(37)	1065(53)	2029(53)	2187(53)	2226(35)
1166(35,37,43)	2659(GEN)	1066(37)	2033(GEN)	2192(55)	2227(GEN)
1569(36)	2700(37)	1159(51)	2037(57)	2193(GEN)	2228(35)
2353(36)	2706(37)	1191(37)	2055(53)	2199(35)	2230(53)
2937(38)	2864(53)	1290(53)	2099(55)	2200(55)	2231(36)
2970(51)	2916(37)	1485(24)	2105(53)	2201(55)	2234(36,37)
3589(37)	2948(36)	1798(43)	2117(GEN)	2203(51)	2236(53)
3762(43)	3161(44)	1867(36,37)	2149(23,24)	2205(37)	2237(24)
4265(44)	2002 series	1895(23)	2155(51)	2208(55)	2238(24)
2001 series	11(54)	1911(53)	2156(GEN)	2209(53)	2239(24)
470(53)	134(37)	1921(GEN)	2158(35)	2210(52,53)	2240(24)
611(44)	245(GEN)	1924(53)	2171(57)	2211(37)	2241(24)
1116(36)	246(GEN)	1950(54)	2175(52)	2214(24)	2242(24)
1240(53)	321(52)	1952(54)	2177(55)	2218(38)	2243(37)
1584(54)	349(54)	1969(37)	2180(51)	2219(53)	
1798(37)	383(53)	1986(GEN)	2182(24)	2220(55)	
1885(44)	946(53)	2027(GEN)	2186(36)	2221(24)	

The summary of all HYDROLANTS in force as of 13 December 2001 is given in Section III of NM 52/01.  
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

#### HYDROLANT WARNINGS issued from 031200Z to 091200Z October 2002.

2199/02(35). SCOTLAND-NORTHWEST COAST.

CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V SKANDI NEPTUNE VICINITY 57-33.6N 005-55.7W.  
WIDE BERTH REQUESTED.

(031532Z OCT 2002)

2200/02(55). BLACK SEA. MISSILES.

1. HAZARDOUS OPERATIONS 0500Z TO 1330Z DAILY 08 THRU 10 OCT  
IN AREA BOUND BY 45-11N 033-11E, 43-50N 033-11E,  
43-50N 031-52E, 44-52N 031-11E, 45-20N 032-35E.
2. CANCEL THIS MSG 101430Z OCT.

(031543Z OCT 2002)

2201/02(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 1300Z TO 1730Z DAILY 08 THRU 10 OCT  
IN AREA BOUND BY 44-38.8N 032-11.5E, 44-48.4N 032-08.2E,  
45-00.0N 032-14.2E, 44-52.2N 032-41.6E, 44-43.8N 032-52.2E,  
44-34.8N 032-37.4E.
2. CANCEL THIS MSG 101830Z OCT.

(031550Z OCT 2002)

2202/02. CANCELED.

2203/02(51). NORTH ATLANTIC. SENEGAL.

1. DERELICT M/V JOOLA AGROUND VICINITY 13-15.3N 016-59.3W.  
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2184/02.

(031801Z OCT 2002)

2204/02. CANCELED.

2205/02(37). DOVER STRAIT.

CHART 37120 (2ND ED).  
SANDETTIE EAST BUOY 51-15N 002-03E UNLIT.

(040620Z OCT 2002)

2206/02 and 2207/02. CANCELED.

2208/02(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1900Z DAILY 11 AND 13 OCT,  
ALTERNATE 140700Z TO 142000Z OCT IN AREA BOUND BY  
44-56N 029-36E, 44-58N 029-57E,  
44-43N 029-54E, 44-52N 029-36E.
2. CANCEL HYDROLANT 2074/02(52,53), OPERATIONS COMPLETED.
3. CANCEL THIS MSG 142000Z OCT.

(041427Z OCT 2002)

SECTION III

2209/02(53). SICILIA-EAST COAST.

CABLE LAYING OPERATIONS 07 OCT UNTIL FURTHER NOTICE  
BY M/V MAZZARO VICINITY OF TRACKLINE BETWEEN  
37-26.8N 015-23.8E AND 37-33.0N 015-23.3E.  
WIDE BERTH REQUESTED.

(041440Z OCT 2002)

2210/02(52,53). SARDEGNA-SOUTH COAST. GUNNERY.

1. GUNNERY EXERCISES 2201Z TO 2159Z COMMENCING DAILY 05 THRU 12 OCT  
IN AREA BOUND BY 38-57.5N 008-35.5E, 39-00.0N 008-32.0E,  
39-00.0N 008-29.0E, 38-56.2N 008-27.0E, 38-51.7N 008-24.6E,  
38-40.0N 008-24.5E, 38-40.0N 008-50.0E, 38-50.0N 008-50.0E,  
38-55.2N 008-42.5E.
2. CANCEL HYDROLANT 2207/02.
3. CANCEL THIS MSG 132259Z OCT.

(041943Z OCT 2002)

2211/02(37). BAY OF BISCAY.

RED ROCKET REPORTED VICINITY 47-04N 005-33W. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO MRCC ETEL,  
TELEX: 4295019, PHONE: 332 9755 3535, FAX: 332 9755 4934.

(042227Z OCT 2002)

2212/02 and 2213/02. CANCELED.

2214/02(24). BRAZIL-NORTH COAST.

1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL 10 OCT  
BY M/V ALMIRANTE CAMARA IN AREA BOUND BY  
03-25S 037-58W, 04-33S 036-43W,  
04-46S 036-43W, 04-06S 037-58W.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 11 OCT.

(050710Z OCT 2002)

2215/02 thru 2217/02. CANCELED.

2218/02(38). NORTH ATLANTIC. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 110001Z TO 112359Z OCT  
WITHIN 100 MILES OF 68-50N 015-56W.
2. CANCEL THIS MSG 120059Z OCT.

(050940Z OCT 2002)

2219/02(53). TYRRHENIAN SEA. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS 0700Z TO 1530Z DAILY 07 THRU 11,  
14 THRU 18, 21 THRU 25 AND 28 THRU 31 OCT IN AREA  
BOUND BY 40-00N 010-00E, 40-00N 010-30E,  
39-10N 010-30E, 39-10N 010-00E,  
39-26N 009-38E, 39-38N 009-38E.
2. CANCEL HYDROLANT 2179/02
3. CANCEL THIS MSG 311630Z OCT.

(050955Z OCT 2002)

2220/02(55). BOSPORUS.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL  
28 OCT IN 41-08.5N 029-03.7E.
2. CANCEL HYDROLANT 2212/02.
3. CANCEL THIS MSG 29 OCT.

(051020Z OCT 2002)

2221/02(24). BRAZIL-SOUTHEAST COAST.

CHART 24160 (21ST ED).  
CABO FRIO LIGHT 23-00.8S 042-00.1W UNRELIABLE.

(051420Z OCT 2002)

2222/02 thru 2225/02. CANCELED.

2226/02(35). NORTH ATLANTIC. HEBRIDES.

CHART 35023 (3RD ED).  
TWO BUOYS ESTABLISHED IN 59-44.0N 010-58.6W.

(070008Z OCT 2002)

2227/02(GEN). GPS SATELLITE SYSTEM.

PRN 17 UNUSABLE.

(070615Z OCT 2002)

### SECTION III

NM 43/02

2228/02(35). NORTH ATLANTIC.  
DISTRESS SIGNAL RECEIVED IN 56-58.5N 007-37.0W.  
VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO STORNOWAY COAST GUARD.

(070840Z OCT 2002)

2229/02. CANCELED.

2230/02(53). TYRRHENIAN SEA.

1. 13 METER S/V SUCCESS, WHITE HULL, ONE PERSON ON BOARD,  
UNREPORTED. LAST REPORTED SINKING VICINITY 41-58N 011-00E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ROME RADIO  
OR MRCC ROME, INMARSAT-C: 4247 44220, TELEX: 611172,  
PHONE: 390 6592 4145, FAX: 390 6592 2737.
2. CANCEL HYDRALANT 2196/02.

(071500Z OCT 2002)

2231/02(36). ENGLAND-WEST COAST. RADIO SERVICES.

MF DSC STATION SAINT ANNS HEAD 51-41N 005-11W INOPERATIVE.

(071621Z OCT 2002)

2232/02 and 2233/02. CANCELED.

2234/02(36,37). ENGLAND.

CHART 37010 (23RD ED).

1. WORMLEIGHTON DGPS STATION 52-12N 001-22W UNRELIABLE  
081500Z TO 081700Z AND 090800Z TO 091600Z OCT.
2. CANCEL THIS MSG 091700Z OCT.

(081155Z OCT 2002)

2235/02. CANCELED.

2236/02(53). STRAIT OF SICILY.

CHART 53226 (2ND ED).

PLATFORM ESTABLISHED IN 37-00.02N 013-35.40E.

(082240Z OCT 2002)

2237/02(24). SOUTH ATLANTIC. BRAZIL.

VESSEL, WHITE, ORANGE AND YELLOW HULL, UNREPORTED  
VICINITY ILHA DE FERNANDO NORONHA (03-50S 032-25W).  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(090520Z OCT 2002)

2238/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 11 OCT BY M/V RAMFORM EXPLORER  
TOWING EIGHT 6853 METER LONG CABLES IN AREA BOUND BY  
00-31.0S 044-17.4W, 00-08.6S 043-52.5W,  
00-15.2S 043-43.7W, 00-45.0S 044-17.2W.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 12 OCT.

(090905Z OCT 2002)

2239/02(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 120300Z OCT BY  
M/V VERITAS VIKING II TOWING SIX 6500 METER  
LONG CABLES IN AREA BETWEEN 19-15S 19-41S AND  
038-48W 038-58W. SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 120400Z OCT.

(090910Z OCT 2002)

2240/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 120300Z OCT  
BY M/V VERITAS VIKING I TOWING EIGHT 6000 METER  
LONG CABLES IN AREA BOUND BY  
24-40.3S 045-15.3W, 24-40.3S 044-52.5W,  
25-48.0S 045-07.0W, 25-48.0S 045-31.0W.  
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 120400Z OCT.

(090915Z OCT 2002)

2241/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 120300Z OCT BY  
M/V CGG ALIZE TOWING EIGHT 7000 METER LONG  
CABLES IN AREA BETWEEN 26-50S 26-00S AND  
044-45W 045-50W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 120400Z OCT.

(090920Z OCT 2002)

SECTION III

2242/02(24). BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 120259Z OCT BY  
M/V CGG HARMATTAN TOWING EIGHT 4500 METER  
LONG CABLES IN AREA BETWEEN 22-04S 22-20S AND  
039-58W 040-19W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 120359Z OCT.

(090925Z OCT 2002)

2243/02(37). ENGLAND-SOUTH COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V CONFIDANTE IN AREA BETWEEN 50-31N 50-42N  
AND 000-40W 000-50W. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1906/02(55).

(091020Z OCT 2002)

## **SECTION III**

**NM 43/02**

### **NAVAREA XII**

Messages in force 091200Z October 2002:

2001 series	178(GEN)	260(GEN)	275(GEN)	286(19)
298(GEN)	201(19)	270(GEN)	276(18)	
2002 series	255(GEN)	271(19)	285(GEN)	

The summary of all NAVAREA XII messages in force as of 13 December 2001 is given in Section III of NM 52/01.  
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

#### **NAVAREA XII WARNINGS issued from 031200Z to 091200Z October 2002.**

277/02 thru 284/02. CANCELED.

285/02(GEN). GPS SATELLITE SYSTEM.  
PRN 17 UNUSABLE.

(070620Z OCT 2002)

286/02(19). NORTH PACIFIC.

1. PYROTECHNICS EXERCISES 110200Z TO 110500Z OCT  
VICINITY 26-03N 139-42W.
2. CANCEL THIS MSG 110600Z OCT.

(091010Z OCT 2002)

## SECTION III

### HYDROPACS

Messages in force 091200Z October 2002:

2000 series	496(75)	1607(93)	1714(94)	1786(81)	1843(22)
597(73)	637(75)	1621(81,97)	1722(63)	1789(91,93,94)	1850(96)
1557(94)	753(62)	1624(96)	1723(81,91,97)	1793(95)	1851(63)
2001 series	787(71)	1629(GEN)	1724(81,92)	1794(81)	1853(22)
114(74)	828(62)	1635(62)	1729(94)	1802(61)	1855(95)
117(73,74)	882(62)	1639(81)	1732(97)	1806(93)	1856(83)
182(74)	1078(72)	1642(81)	1735(72)	1808(62)	1860(94,95)
725(74)	1147(92)	1646(81)	1738(97)	1813(61)	1861(63)
1556(71)	1315(62)	1651(63)	1749(81)	1815(63)	1865(81,92)
1636(96)	1336(62)	1661(GEN)	1750(71)	1821(GEN)	1868(97)
1647(GEN)	1513(76)	1666(81)	1751(81)	1822(94)	1869(22)
1929(76)	1516(63)	1668(81,92)	1752(91,92)	1823(71)	1870(GEN)
1976(62)	1528(94,97)	1669(97)	1757(GEN)	1824(94)	1872(96)
2062(61)	1533(81,97)	1670(83)	1762(71)	1825(81)	1873(63)
2002 series	1548(GEN)	1675(93)	1763(94,95)	1829(73,74)	1874(63)
146(62)	1550(94)	1677(74)	1764(81)	1831(81)	1875(62)
196(61)	1578(61,63)	1685(81)	1765(71)	1832(81)	1877(83)
205(GEN)	1579(96,97)	1695(71,93)	1775(94,95)	1835(96)	1879(94,95)
206(GEN)	1587(19,97)	1696(97)	1776(94,95)	1836(96)	1882(75)
207(93)	1588(75)	1699(92)	1780(94,95)	1838(94)	1883(82)
352(73)	1592(81)	1703(19)	1784(95)	1841(22)	1884(97)
403(72,73)	1606(73,74)	1712(62)	1785(95)	1842(22)	1885(91,93,94)

The summary of all HYDROPACS in force as of 13 December 2001 is given in Section III of NM 52/01.  
Warnings issued during the subsequent quarters are issued in NM 13/02, 26/02 and 39/02.

#### HYDROPAC WARNINGS issued from 031200Z to 091200Z October 2002.

1838/02(94). PHILIPPINE SEA.

UNDERWATER CABLE OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY CABLESHIP CABLE RETRIEVER VICINITY 23-32N 122-11E.  
WIDE BERTH REQUESTED.

(031601Z OCT 2002)

1839/02 and 1840/02. CANCELED.

1841/02(22). PERU.

CHART 22130 (2ND ED).  
ISLA DE MACABI LIGHT 07-48-36S 079-29-48W UNLIT.

(032205Z OCT 2002)

1842/02(22). PERU.

CHART 22120 (3RD ED).  
PUNTA PARINAS LIGHT 04-40.2S 081-19.7W UNLIT.

(032214Z OCT 2002)

1843/02(22). PERU.

CHART 22012 (31ST ED).  
LA CONCORDIA LIGHT 18-20-48.2S 070-22-27.0W UNLIT.

(032221Z OCT 2002)

1844/02 thru 1849/02. CANCELED.

1850/02(96). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 2100Z TO 2300Z DAILY 08 AND 09 OCT,  
0100Z TO 0400Z DAILY 09 AND 10 OCT IN AREA BETWEEN  
52-30N 52-55N AND 158-50E 159-40E.  
2. CANCEL THIS MSG 100500Z OCT.

(041505Z OCT 2002)

1851/02(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY 09 AND 10 OCT  
IN AREA BOUND BY 19-14.6N 084-53.7E, 19-10.5N 085-01.0E,  
19-01.7N 084-56.8E, 19-05.1N 084-48.4E, 19-12.6N 084-51.6E.  
2. CANCEL THIS MSG 101330Z OCT.

(041704Z OCT 2002)

1852/02. CANCELED.

## SECTION III

1853/02(22). CHILE.  
 CHART 22395 (2ND ED).  
 RACON AT PUNTA PIEDRA LIGHT 49-16.1S 075-28.5W INOPERATIVE

(050002Z OCT 2002)

1854/02. CANCELED.

1855/02(95). YELLOW SEA. ORDNANCE.  
 1. BOMBING EXERCISES 080100Z TO 080250Z AND  
 080430Z TO 080830Z OCT, ALTERNATE  
 0100Z TO 0250Z DAILY 09 THRU 11 OCT  
 IN AREA BOUND BY 36-40.6N 126-10.4E,  
 36-38.2N 125-59.9E, 35-01.3N 125-42.8E,  
 34-58.4N 126-03.1E, 36-34.2N 126-17.9E.  
 2. CANCEL HYDROPAC 1618/02(61), AID RESTORED.  
 3. CANCEL THIS MSG 110350Z OCT.

(050540Z OCT 2002)

1856/02(83). SOUTH PACIFIC.  
 1. DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 21-42S 173-16W.  
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
 ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND,  
 INMARSAT-C: 4512 00067, PHONE: 644 914 5663, FAX: 644 914 5520  
 OR TAUPO MARITIME RADIO.  
 2. CANCEL HYDROPAC 1854/02.

(050740Z OCT 2002)

1857/02 thru 1859/02. CANCELED.

1860/02(94,95). YELLOW SEA. ORDNANCE.  
 1. UNDERWATER ORDNANCE DETONATIONS 100900Z TO 101300Z OCT  
 IN AREA BETWEEN 35-40N 35-01N AND 124-51E 125-00E.  
 2. CANCEL THIS MSG 101400Z OCT.

(051120Z OCT 2002)

1861/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.  
 1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 08 AND 11 OCT  
 IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,  
 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.  
 2. CANCEL THIS MSG 111630Z OCT.

(051150Z OCT 2002)

1862/02 thru 1864/02. CANCELED.

1865/02(81,92)  
 DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 12-33.0N 130-47.7E  
 AT 061033Z OCT. VESSELS IN VICINITY REQUESTED TO KEEP  
 A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
 RCC GUAM, TELEX: 392401.

(061800Z OCT 2002)

1866/02 and 1867/02. CANCELED.

1868/02(97). NORTH PACIFIC.  
 DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM VESSEL TAMARA SHABASHOVA  
 IN 30-14N 154-56E AT 070142Z OCT. VESSELS IN VICINITY  
 REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
 REPORTS TO JAPAN COAST GUARD.

(070420Z OCT 2002)

1869/02(22). SOUTH PACIFIC. CHILE.  
 12 METER S/V FAN FAN, GRAY HULL, ONE PERSON ON BOARD,  
 UNREPORTED ISLA DE PASCUA TO VALDIVIA. VESSELS IN  
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST  
 IF POSSIBLE. REPORTS TO PUERTO MONTT RADIO.

(070450Z OCT 2002)

1870/02(GEN). GPS SATELLITE SYSTEM.  
 PRN 17 UNUSABLE.

(070625Z OCT 2002)

1871/02. CANCELED.

### SECTION III

NM 43/02

1872/02(96). SEA OF OKHOTSK. MISSILES.

1. HAZARDOUS OPERATIONS 0800Z TO 1200Z DAILY 10 THRU 13 OCT:
  - A. IN AREA BOUND BY 47-36N 151-21E, 47-54N 151-06E,  
48-06N 151-40E, 47-52N 151-58E.
  - B. WITHIN 43 MILES OF 52-49N 146-17E.
  - C. WITHIN 49 MILES OF 57-09N 140-33E.
2. CANCEL HYDROFAC 1864/02(62), AID RESTORED.
3. CANCEL THIS MSG 131300Z OCT.

(071110Z OCT 2002)

1873/02(63). INDIA-SOUTHWEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1530Z DAILY 11 AND 12 OCT  
WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 121630Z OCT.

(071431Z OCT 2002)

1874/02(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 21 OCT BY M/V MEZEN  
TOWING 6000 METER LONG CABLE IN AREA BOUND BY  
12-16.0N 068-40.0E, 07-46.0N 069-40.0E,  
07-46.0N 076-20.0E, 14-04.0N 073-48.0E.  
WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 1766/02.
3. CANCEL THIS MSG 22 OCT.

(071440Z OCT 2002)

1875/02(62). RED SEA.

- CHART 62172 (3RD ED).
- A. 2Q LIGHT 24-01.0N 038-03.0E UNLIT.
  - B. 3Q BUOY 24-01.3N 037-59.4E UNLIT.

(071841Z OCT 2002)

1876/02. CANCELED.

1877/02(83). SOUTH PACIFIC.

42 FOOT S/V FREEDOM FIVE, FIVE PERSONS ON BOARD, DISMASTED  
WITH ENGINE PROBLEMS VICINITY 05-23S 127-50.53W. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST  
IF POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND,  
INMARSAT-C: 4512 00067, PHONE: 644 914 5663,  
FAX: 644 914 5520 OR TAUPO MARITIME RADIO.

(080018Z OCT 2002)

1878/02. CANCELED.

1879/02(94,95). YELLOW SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 111100Z TO 111500Z OCT  
VICINITY OF TRACKLINE JOINING 35-41.7N 124-53.5E,  
35-47.9N 124-49.0E, 35-54.2N 124-46.8E,  
36-00.4N 124-44.5E, 36-06.7N 124-42.3E,  
35-35.3N 124-20.5E, 35-41.5N 124-18.3E,  
35-47.8N 124-16.1E, 35-54.3N 124-13.8E.
2. CANCEL THIS MSG 111600Z OCT.

(080810Z OCT 2002)

1880/02 and 1881/02. CANCELED.

1882/02(75). AUSTRALIA-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V GECO BETA TOWING THREE MILE LONG CABLES IN  
AREA BETWEEN 37-40S 37-58S AND 139-51E 140-20E.  
WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 1871/02.

(090640Z OCT 2002)

1883/02(82). SOUTH PACIFIC. BISMARCK ARCHIPELAGO.

TWO SEVEN METER M/V'S. FIVE PERSONS ON BOARD AND SEVEN PERSONS ON BOARD,  
OVERDUE KAVIENG (02-35S 150-49E) TO MUSSAU ISLAND (01-30S 149-44E).  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF  
POSSIBLE. REPORTS TO MRCC PORT MORESBY OR RCC AUSTRALIA,  
TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(090650Z OCT 2002)

1884/02(97). NORTH PACIFIC.

1. TWO CONTAINERS ADRIFT VICINITY:
  - A. 34-30.7N 144-07.4E AT 090340Z OCT.
  - B. 34-18.2N 144-02.0E AT 090407Z OCT.
2. CANCEL THIS MSG 16 OCT.

(090720Z OCT 2002)

1885/02(91,93,94). SOUTH CHINA SEA.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 22-23.6N 119-04.5E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO PAC RCC, TELEX: 392401,  
PHONE: 808 531 1112, FAX: 808 541 2123.

(090820Z OCT 2002)

**MARAD ADVISORIES**

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/02 for those in-force as of 19 December 2001, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 9 October 2002: 00-7, 01-1, 01-5, 01-6, 01-7, 02-2 and 02-5.

**SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/02 for those in-force as of 19 December 2001.

SPECIAL WARNINGS in force 9 October 2002: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

**MARINE INFORMATION****UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE**

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, provides information for all radionavigation systems. The NIS is staffed 24 hours a day, 7 days a week, providing information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM) and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/gps/default.htm>). In addition, the NIS investigates all reports of degraded or loss of GPS, DGPS or LORAN-C service. Mariners are encouraged to report all degradation of radionavigation services to the NIS via any of the following: Phone: 703-313-5900, Email: [webmaster@navcen.uscg.mil](mailto:webmaster@navcen.uscg.mil), or on the World Wide Web at <http://www.navcen.uscg.gov>.

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_

Email address

Date of Observation \_\_\_\_\_ Time of Observation (Local)\_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes  No

Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes  No

Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_

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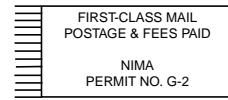
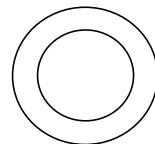
Digitized by srujanika@gmail.com

### User Feedback (continue on additional sheets as necessary)

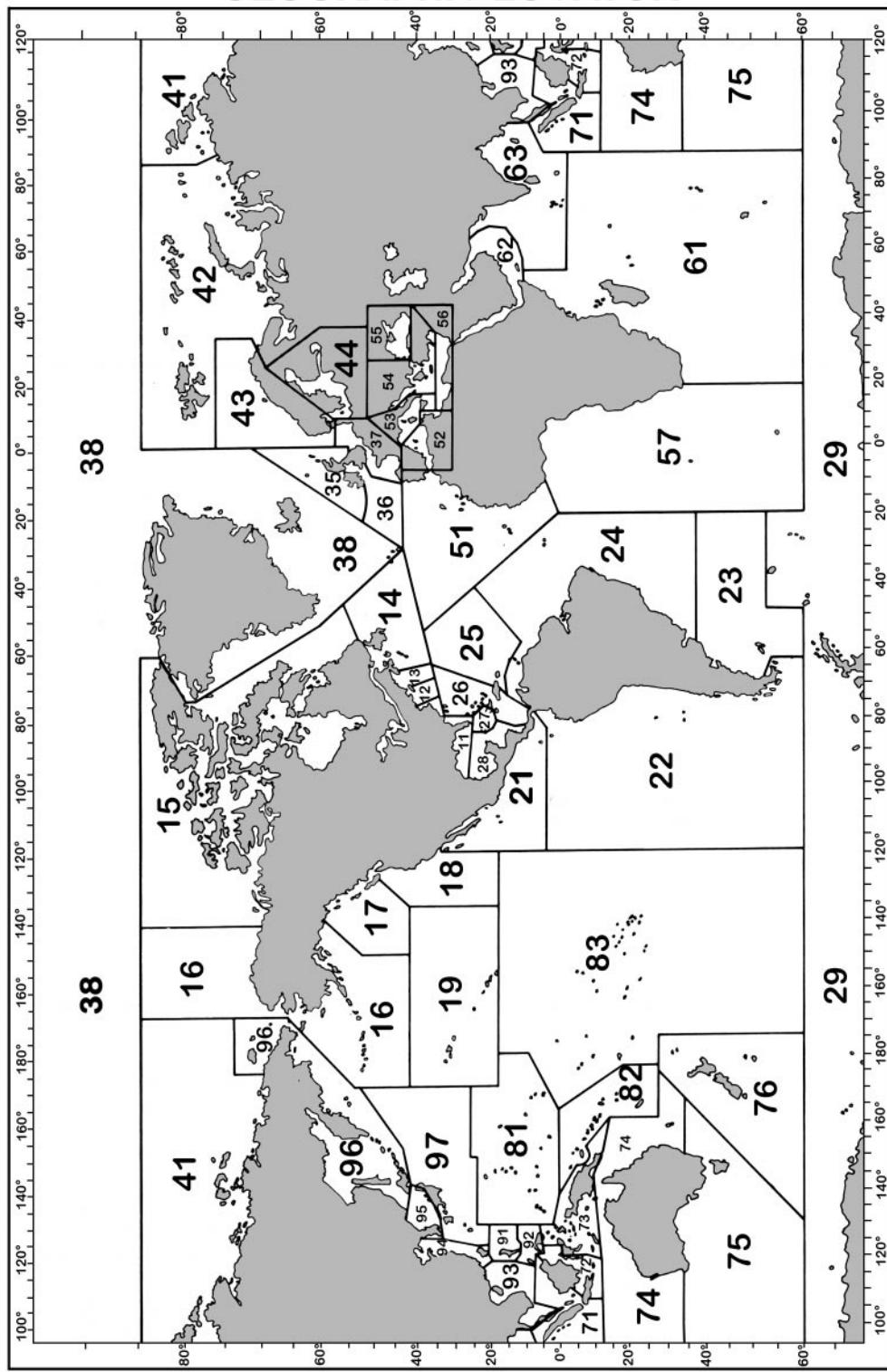


**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL IMAGERY AND MAPPING AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

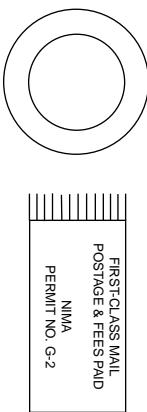
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY  
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME-DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**